```
formG2Null := MatrixForm@{
      Row@{Style[Row@{"flip=", flip}, Blue], Style["      split # ↓,", Red]},
      g2NullTbl = Table[{
          split,
          setFM[#, flip, split];
          outG2Null},
         {split, 0, 7}];
      Row@triads,
      MatrixForm[Column[#, Center] & /@ noNull@# & /@ Table[
          (* Color the common Der in each column *)
          cmnD = first@Select[g2NullTbl⟦All, 2, 1, i, 1, 3, 1, 1, All⟧, Length@# == 1 &];
          cmnDclr = Style[cmnD, Magenta];
          If[j == 1, {"", g2NullTbl⟦1, 2, 1, i⟧ /. cmnD → cmnDclr},
           (* Display only non-null derivations from the splits if not the same as the base octonion *)
           If[g2NullTbl⟦1, 2, 1, i⟧ ≠ g2NullTbl⟦j, 2, 1, i⟧,
            {Style[g2NullTbl⟦j, 1⟧, Red], g2NullTbl⟦j, 2, 1, i⟧ /. cmnD → cmnDclr}]],
          {i, 7}, {j, 8}]]} &;

getG2Null := ColumnForm[{
      Style[Row@{"E8#=", #}, Darker@Green],
      Row@{flip = False;
         formG2Null, flip = True;
         formG2Null}}, Center] &;
```

In[2018]:=
```
ColumnForm[getG2Null /@ e8]
```

E8#=1

flip=False split # ↓,

{1, 3, 2}{1, 6, 4}{1, 5, 7}{2, 7, 4}{2, 6, 5}{3, 4, 5}{3, 6, 7}

| 1 | 6 | 7 |
|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| 1 | 4 | 5 |
| $D_{13}$ == $D_{47}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ |
| 2 | 5 | 7 |
| $D_{14}$ == $D_{14}D_{25}D_{37}$ | $D_{25}$ == $D_{25}D_{37}$ | $D_{14}D_{25}$ == $D_{14}D_{37}$ |
| 3 | 4 | 7 |
| $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ |
| 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ |
| 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 5, 3}{1, 6, 7}{2, 6, 3}{2, 7, 5}{3, 4, 7}{4, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ |
| 1 | 4 | 5 |
| $D_{14}$ == $D_{36}D_{57}$ | $D_{14}D_{36}$ == $D_{14}D_{36}D_{57}$ | $D_{36}$ == $D_{57}$ |
| 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ |
| 2 | 4 | 6 |
| $D_{15}$ == $D_{15}D_{26}D_{47}$ | $D_{26}$ == $D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{15}D_{47}$ |
| 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | $D_{13}$ == $D_{13}D_{27}D_{46}$ |
| 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | $D_{16}$ == $D_{16}D_{25}D_{34}$ |
| | | $D_{25}D_{34}$ |

E8#=10

flip=False split # ↓,

{1, 3, 2}{1, 4, 6}{1, 7, 5}{2, 4, 7}{2, 5, 6}{3, 4, 5}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 5}{1, 7, 6}{2, 3, 6}{2, 5, 7}{3, 4, 7}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{25}D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ |

E8#=11

flip=False split # ↓,

{1, 2, 3}{1, 6, 4}{1, 7, 5}{2, 4, 7}{2, 6, 5}{3, 5, 4}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{45} == D_{12}D_{67}$ | $D_{12}D_{45} == D_{67}$ | $== D_{12}D_{45}D_{67}$ | $D_{12} == D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23} == D_{46}D_{57}$ | $== D_{23}D_{46}D_{57}$ | $D_{23}D_{46} == D_{57}$ | $D_{46} == D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{47} == D_{13}D_{56}$ | $D_{13}D_{47} == D_{56}$ | $== D_{13}D_{47}D_{56}$ | $D_{13} == D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $== D_{14}D_{25}D_{37}$ | $D_{14} == D_{25}D_{37}$ | $D_{25} == D_{14}D_{37}$ | $D_{14}D_{25} == D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15} == D_{24}D_{36}$ | $== D_{15}D_{24}D_{36}$ | $D_{15}D_{24} == D_{36}$ | $D_{24} == D_{15}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{27} == D_{16}D_{35}$ | $D_{16}D_{27} == D_{35}$ | $== D_{16}D_{27}D_{35}$ | $D_{16} == D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26} == D_{34}$ | $D_{26} == D_{17}D_{34}$ | $D_{17} == D_{26}D_{34}$ | $== D_{17}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 5, 3}{1, 7, 6}{2, 3, 6}{2, 7, 5}{3, 7, 4}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24} == D_{35}D_{67}$ | $== D_{24}D_{35}D_{67}$ | $D_{24}D_{35} == D_{67}$ | $D_{35} == D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36} == D_{14}D_{57}$ | $D_{14}D_{36} == D_{57}$ | $== D_{14}D_{36}D_{57}$ | $D_{14} == D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $== D_{12}D_{37}D_{56}$ | $D_{12} == D_{37}D_{56}$ | $D_{37} == D_{12}D_{56}$ | $D_{12}D_{37} == D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15} == D_{26}D_{47}$ | $== D_{15}D_{26}D_{47}$ | $D_{15}D_{26} == D_{47}$ | $D_{26} == D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27} == D_{13}D_{46}$ | $D_{13}D_{27} == D_{46}$ | $== D_{13}D_{27}D_{46}$ | $D_{13} == D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $== D_{17}D_{23}D_{45}$ | $D_{17} == D_{23}D_{45}$ | $D_{23} == D_{17}D_{45}$ | $D_{17}D_{23} == D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{16}D_{25}D_{34}$ | $D_{16} == D_{25}D_{34}$ | $D_{25} == D_{16}D_{34}$ | $D_{16}D_{25} == D_{34}$ |

E8#=12

flip=False split # ↓,

{1, 4, 2}{1, 3, 5}{1, 6, 7}{2, 3, 6}{2, 7, 5}{3, 7, 4}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}$ == $D_{35}D_{67}$ | $D_{24}D_{35}$ == $D_{24}D_{35}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{56}$ | $D_{12}$ == $D_{12}D_{37}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{15}D_{26}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{45}$ | $D_{17}$ == $D_{17}D_{23}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{25}D_{34}$ | $D_{16}$ == $D_{16}D_{25}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 6}{1, 5, 7}{2, 4, 7}{2, 6, 5}{3, 5, 4}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ | == $D_{13}D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ |

E8#=13

flip=False split # ↓,

{1, 6, 2}{1, 7, 3}{1, 4, 5}{2, 5, 3}{2, 7, 4}{3, 4, 6}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 7}{1, 4, 5}{2, 4, 3}{2, 7, 5}{3, 5, 6}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ |

E8#=14

flip=False split # ↓,

{1, 7, 2}{1, 4, 3}{1, 6, 5}{2, 3, 5}{2, 6, 4}{3, 7, 6}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ | == $D_{13}D_{26}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 4}{1, 6, 5}{2, 3, 6}{2, 5, 4}{3, 7, 5}{4, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ |

E8#=15

flip=False split # ↓,

{1, 2, 7}{1, 3, 5}{1, 6, 4}{2, 4, 3}{2, 6, 5}{3, 7, 6}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 6}{1, 5, 4}{2, 3, 4}{2, 6, 5}{3, 7, 5}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ | == $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ | == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{26}D_{37}$ | == $D_{14}D_{26}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ |

E8#=16

flip=False split # ↓,

{1, 2, 7}{1, 6, 3}{1, 5, 4}{2, 3, 5}{2, 6, 4}{3, 7, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23} == D_{14}D_{67}$ | $D_{14}D_{23} == D_{67}$ | $== D_{14}D_{23}D_{67}$ | $D_{14} == D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24} == D_{57}$ | $D_{24} == D_{13}D_{57}$ | $D_{13} == D_{24}D_{57}$ | $== D_{13}D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{34}D_{56}$ | $== D_{12}D_{34}D_{56}$ | $D_{12}D_{34} == D_{56}$ | $D_{34} == D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16} == D_{25}D_{47}$ | $== D_{16}D_{25}D_{47}$ | $D_{16}D_{25} == D_{47}$ | $D_{25} == D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35} == D_{17}D_{46}$ | $D_{17}D_{35} == D_{46}$ | $== D_{17}D_{35}D_{46}$ | $D_{17} == D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27} == D_{36}D_{45}$ | $== D_{27}D_{36}D_{45}$ | $D_{27}D_{36} == D_{45}$ | $D_{36} == D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{15}D_{26}D_{37}$ | $D_{15} == D_{26}D_{37}$ | $D_{26} == D_{15}D_{37}$ | $D_{15}D_{26} == D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 5}{1, 6, 4}{2, 6, 3}{2, 5, 4}{3, 7, 4}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13} == D_{24}D_{67}$ | $== D_{13}D_{24}D_{67}$ | $D_{13}D_{24} == D_{67}$ | $D_{24} == D_{13}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23} == D_{57}$ | $D_{23} == D_{14}D_{57}$ | $D_{14} == D_{23}D_{57}$ | $== D_{14}D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $== D_{12}D_{34}D_{56}$ | $D_{12} == D_{34}D_{56}$ | $D_{34} == D_{12}D_{56}$ | $D_{12}D_{34} == D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26} == D_{15}D_{47}$ | $D_{15}D_{26} == D_{47}$ | $== D_{15}D_{26}D_{47}$ | $D_{15} == D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35} == D_{27}D_{46}$ | $D_{27}D_{35} == D_{46}$ | $== D_{27}D_{35}D_{46}$ | $D_{27} == D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17} == D_{36}D_{45}$ | $== D_{17}D_{36}D_{45}$ | $D_{17}D_{36} == D_{45}$ | $D_{36} == D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{16}D_{25}D_{37}$ | $D_{16} == D_{25}D_{37}$ | $D_{25} == D_{16}D_{37}$ | $D_{16}D_{25} == D_{37}$ |

E8#=17

flip=False split # ↓,

{1, 2, 3}{1, 4, 6}{1, 5, 7}{2, 7, 4}{2, 5, 6}{3, 5, 4}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}D_{57}$ == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ | == $D_{13}D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 5}{1, 6, 7}{2, 6, 3}{2, 5, 7}{3, 7, 4}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{15}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | == $D_{17}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ | == $D_{16}D_{25}D_{34}$ |

E8#=18

flip=False split # ↓,

{1, 4, 2}{1, 5, 3}{1, 7, 6}{2, 6, 3}{2, 5, 7}{3, 7, 4}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{24}$ | $D_{35}$ | $D_{24}D_{35}$ |
| == | == | == | == |
| $D_{24}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{24}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{14}D_{36}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{56}$ | $D_{12}D_{37}D_{56}$ | $D_{56}$ | $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ | $D_{26}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{15}D_{47}$ | $D_{26}D_{47}$ | $D_{15}D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{13}D_{46}$ | $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{45}$ | $D_{45}$ | $D_{17}D_{23}D_{45}$ | $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{16}D_{25}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}D_{25}D_{34}$ | $D_{25}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 6, 4}{1, 7, 5}{2, 7, 4}{2, 5, 6}{3, 5, 4}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{12}D_{67}$ | $D_{45}D_{67}$ | $D_{12}D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{23}$ | $D_{46}$ | $D_{23}D_{46}$ |
| == | == | == | == |
| $D_{23}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{23}D_{57}$ | $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{47}$ | $D_{13}D_{47}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{25}D_{37}$ | $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{15}D_{36}$ | $D_{24}D_{36}$ | $D_{15}D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| | $D_{16}$ | $D_{27}$ | $D_{16}D_{27}$ |
| == | == | == | == |
| $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ | $D_{16}D_{35}$ | $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{34}$ | $D_{17}D_{26}D_{34}$ | $D_{34}$ | $D_{17}D_{34}$ |

E8#=19

flip=False split # ↓,

{1, 6, 2}{1, 3, 7}{1, 5, 4}{2, 3, 5}{2, 4, 7}{3, 4, 6}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ | == $D_{67}$ | == $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{24}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ | == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 7, 3}{1, 5, 4}{2, 3, 4}{2, 5, 7}{3, 5, 6}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{27}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ |

E8#=20

flip=False split # ↓,

{1, 7, 2}{1, 3, 4}{1, 5, 6}{2, 5, 3}{2, 4, 6}{3, 7, 6}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{25} == D_{14}D_{67}$ | $D_{14}D_{25} == D_{67}$ | $== D_{14}D_{25}D_{67}$ | $D_{14} == D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{26}D_{57}$ | $== D_{13}D_{26}D_{57}$ | $D_{13}D_{26} == D_{57}$ | $D_{26} == D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27} == D_{34}D_{56}$ | $== D_{27}D_{34}D_{56}$ | $D_{27}D_{34} == D_{56}$ | $D_{34} == D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23} == D_{47}$ | $D_{23} == D_{16}D_{47}$ | $D_{16} == D_{23}D_{47}$ | $== D_{16}D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35} == D_{17}D_{46}$ | $D_{17}D_{35} == D_{46}$ | $== D_{17}D_{35}D_{46}$ | $D_{17} == D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12} == D_{36}D_{45}$ | $D_{36} == D_{12}D_{45}$ | $D_{12}D_{36} == D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{12}D_{36}D_{45}$ | $D_{15} == D_{24}D_{37}$ | $D_{24} == D_{15}D_{37}$ | $D_{15}D_{24} == D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 4, 3}{1, 5, 6}{2, 6, 3}{2, 4, 5}{3, 7, 5}{4, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| | $D_{13} == D_{25}D_{67}$ | $D_{25} == D_{13}D_{67}$ | $D_{13}D_{25} == D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{26} == D_{57}$ | $D_{26} == D_{14}D_{57}$ | $D_{14} == D_{26}D_{57}$ | $== D_{14}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34} == D_{27}D_{56}$ | $D_{27}D_{34} == D_{56}$ | $== D_{27}D_{34}D_{56}$ | $D_{27} == D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{15}D_{47}$ | $D_{15}D_{23} == D_{47}$ | $== D_{15}D_{23}D_{47}$ | $D_{15} == D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{35}D_{46}$ | $== D_{12}D_{35}D_{46}$ | $D_{12}D_{35} == D_{46}$ | $D_{35} == D_{12}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36} == D_{45}$ | $D_{36} == D_{17}D_{45}$ | $D_{17} == D_{36}D_{45}$ | $== D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16} == D_{24}D_{37}$ | $== D_{16}D_{24}D_{37}$ | $D_{16}D_{24} == D_{37}$ | $D_{24} == D_{16}D_{37}$ |

E8#=21

flip=False split # ↓,

{1, 2, 7}{1, 5, 3}{1, 4, 6}{2, 3, 4}{2, 5, 6}{3, 7, 6}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{24}D_{67}$ | == | $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{34}D_{56}$ | == | $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ | == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{45}$ | == | $D_{12}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 6, 3}{1, 4, 5}{2, 4, 3}{2, 5, 6}{3, 7, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | == $D_{16}D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{14}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ | == $D_{14}D_{26}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ |

E8#=22

flip=False split # ↓,

{1, 2, 7}{1, 3, 6}{1, 4, 5}{2, 5, 3}{2, 4, 6}{3, 7, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{13}D_{24}D_{57}$ | $D_{24}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{27}D_{36}D_{45}$ | == $D_{36}D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | == $D_{15}D_{26}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 5, 3}{1, 4, 6}{2, 3, 6}{2, 4, 5}{3, 7, 4}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{24}$ == $D_{13}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ | == $D_{13}D_{24}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}D_{57}$ == | $D_{14}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}D_{56}$ == | $D_{12}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}D_{45}$ == | $D_{17}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ |

E8#=23

flip=False split # ↓,

{1, 2, 4}{1, 3, 5}{1, 7, 6}{2, 6, 3}{2, 7, 5}{3, 4, 7}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ | == $D_{16}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 6}{1, 7, 5}{2, 7, 4}{2, 6, 5}{3, 4, 5}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ | == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ |

E8#=24

flip=False split # ↓,

{1, 2, 6}{1, 7, 3}{1, 5, 4}{2, 3, 5}{2, 7, 4}{3, 6, 4}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ == $D_{23}D_{67}$ | $D_{14}D_{23}D_{67}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 7}{1, 5, 4}{2, 3, 4}{2, 7, 5}{3, 6, 5}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ | == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ |

E8#=25

flip=False split # ↓,

{1, 2, 7}{1, 4, 3}{1, 5, 6}{2, 5, 3}{2, 6, 4}{3, 6, 7}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{26}D_{57}$ | $D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34}$ | $D_{27}D_{34}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{56}$ | $D_{27}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{35}$ | $D_{17}D_{35}$ |
| == | == | == | == |
| $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{37}$ | $D_{15}D_{24}D_{37}$ | $D_{37}$ | $D_{15}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 4}{1, 5, 6}{2, 6, 3}{2, 5, 4}{3, 5, 7}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ | $D_{25}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{27}D_{34}D_{56}$ | $D_{56}$ | $D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{24}$ | $D_{16}D_{24}$ |
| == | == | == | == |
| $D_{16}D_{24}D_{37}$ | $D_{24}D_{37}$ | $D_{16}D_{37}$ | $D_{37}$ |

E8#=26

flip=False split # ↓,

{1, 7, 2}{1, 3, 5}{1, 4, 6}{2, 3, 4}{2, 6, 5}{3, 6, 7}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}D_{24} == D_{67}$ | $D_{24} == D_{15}D_{67}$ | $D_{15} == D_{24}D_{67}$ | $== D_{15}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{16}D_{57}$ | $D_{16}D_{23} == D_{57}$ | $== D_{16}D_{23}D_{57}$ | $D_{16} == D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34} == D_{56}$ | $D_{34} == D_{17}D_{56}$ | $D_{17} == D_{34}D_{56}$ | $== D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13} == D_{26}D_{47}$ | $D_{26} == D_{13}D_{47}$ | $D_{13}D_{26} == D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27} == D_{35}D_{46}$ | $== D_{27}D_{35}D_{46}$ | $D_{27}D_{35} == D_{46}$ | $D_{35} == D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36} == D_{12}D_{45}$ | $D_{12}D_{36} == D_{45}$ | $== D_{12}D_{36}D_{45}$ | $D_{12} == D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14} == D_{25}D_{37}$ | $== D_{14}D_{25}D_{37}$ | $D_{14}D_{25} == D_{37}$ | $D_{25} == D_{14}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 6}{1, 4, 5}{2, 4, 3}{2, 6, 5}{3, 5, 7}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| | $D_{15} == D_{23}D_{67}$ | $D_{23} == D_{15}D_{67}$ | $D_{15}D_{23} == D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16} == D_{24}D_{57}$ | $== D_{16}D_{24}D_{57}$ | $D_{16}D_{24} == D_{57}$ | $D_{24} == D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{17} == D_{34}D_{56}$ | $D_{34} == D_{17}D_{56}$ | $D_{17}D_{34} == D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25} == D_{13}D_{47}$ | $D_{13}D_{25} == D_{47}$ | $== D_{13}D_{25}D_{47}$ | $D_{13} == D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35} == D_{46}$ | $D_{35} == D_{12}D_{46}$ | $D_{12} == D_{35}D_{46}$ | $== D_{12}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| | $D_{27} == D_{36}D_{45}$ | $D_{36} == D_{27}D_{45}$ | $D_{27}D_{36} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26} == D_{37}$ | $D_{26} == D_{14}D_{37}$ | $D_{14} == D_{26}D_{37}$ | $== D_{14}D_{26}D_{37}$ |

E8#=27

flip=False split # ↓,

{1, 7, 2}{1, 6, 3}{1, 4, 5}{2, 5, 3}{2, 6, 4}{3, 4, 7}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ | == $D_{67}$ | == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ | == $D_{15}D_{26}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 5}{1, 4, 6}{2, 3, 6}{2, 5, 4}{3, 4, 7}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ |
| | 3 | 4 | 7 |
| == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ |

E8#=28

flip=False split # ↓,

{1, 2, 6}{1, 7, 3}{1, 4, 5}{2, 3, 4}{2, 7, 5}{3, 6, 5}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15} == D_{23}D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34} == D_{16}D_{57}$ | $D_{16}D_{34} == D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{16} == D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17} == D_{24}D_{56}$ | $D_{17}D_{24}D_{56}$ | $D_{17}D_{24} == D_{56}$ | $D_{24} == D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{35}D_{47}$ | $D_{12}D_{35} == D_{12}D_{47}$ | $D_{12}D_{35} == D_{47}$ | $D_{35} == D_{12}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25} == D_{46}$ | $D_{25} == D_{13}D_{46}$ | $D_{13} == D_{25}D_{46}$ | $== D_{13}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37} == D_{26}D_{45}$ | $D_{26}D_{37} == D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{26} == D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{14}D_{27}D_{36}$ | $D_{14} == D_{27}D_{36}$ | $D_{27} == D_{14}D_{36}$ | $D_{14}D_{27} == D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 7}{1, 4, 5}{2, 3, 5}{2, 7, 4}{3, 6, 4}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $== D_{14}D_{23}D_{67}$ | $D_{14} == D_{23}D_{67}$ | $D_{23} == D_{14}D_{67}$ | $D_{14}D_{23} == D_{67}$ |
| | 1 | 6 | 7 |
| $== D_{12}D_{34}D_{57}$ | $D_{12} == D_{34}D_{57}$ | $D_{34} == D_{12}D_{57}$ | $D_{12}D_{34} == D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24} == D_{13}D_{56}$ | $D_{13}D_{24} == D_{56}$ | $== D_{13}D_{24}D_{56}$ | $D_{13} == D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35} == D_{47}$ | $D_{35} == D_{16}D_{47}$ | $D_{16} == D_{35}D_{47}$ | $== D_{16}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $== D_{17}D_{25}D_{46}$ | $D_{17} == D_{25}D_{46}$ | $D_{25} == D_{17}D_{46}$ | $D_{17}D_{25} == D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26} == D_{37}D_{45}$ | $== D_{26}D_{37}D_{45}$ | $D_{26}D_{37} == D_{45}$ | $D_{37} == D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15} == D_{27}D_{36}$ | $== D_{15}D_{27}D_{36}$ | $D_{15}D_{27} == D_{36}$ | $D_{27} == D_{15}D_{36}$ |

E8#=29

flip=False split # ↓,

{1, 2, 7}{1, 3, 4}{1, 6, 5}{2, 3, 5}{2, 4, 6}{3, 6, 7}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}D_{25} == D_{67}$ | $D_{25} == D_{14}D_{67}$ | $D_{14} == D_{25}D_{67}$ | $== D_{14}D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{26}D_{57}$ | $== D_{13}D_{26}D_{57}$ | $D_{13}D_{26} == D_{57}$ | $D_{26} == D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34} == D_{56}$ | $D_{34} == D_{27}D_{56}$ | $D_{27} == D_{34}D_{56}$ | $== D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| $== D_{16}D_{23}D_{47}$ | $== D_{23}D_{47}$ | $== D_{16}D_{47}$ | $== D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17} == D_{35}D_{46}$ | $== D_{17}D_{35}D_{46}$ | $D_{17}D_{35} == D_{46}$ | $D_{35} == D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36} == D_{45}$ | $D_{36} == D_{12}D_{45}$ | $D_{12} == D_{36}D_{45}$ | $== D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24} == D_{15}D_{37}$ | $D_{15}D_{24} == D_{37}$ | $== D_{15}D_{24}D_{37}$ | $D_{15} == D_{24}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 4, 3}{1, 6, 5}{2, 3, 6}{2, 4, 5}{3, 5, 7}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| $== D_{13}D_{25}D_{67}$ | $== D_{25}D_{67}$ | $== D_{13}D_{67}$ | $== D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26} == D_{14}D_{57}$ | $D_{14}D_{26} == D_{57}$ | $== D_{14}D_{26}D_{57}$ | $D_{14} == D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{34}$ | $D_{27}D_{34}$ |
| $== D_{27}D_{34}D_{56}$ | $== D_{34}D_{56}$ | $== D_{27}D_{56}$ | $== D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15} == D_{23}D_{47}$ | $== D_{15}D_{23}D_{47}$ | $D_{15}D_{23} == D_{47}$ | $D_{23} == D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35} == D_{12}D_{46}$ | $D_{12}D_{35} == D_{46}$ | $== D_{12}D_{35}D_{46}$ | $D_{12} == D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{36}$ | $D_{17}D_{36}$ |
| $== D_{17}D_{36}D_{45}$ | $== D_{36}D_{45}$ | $== D_{17}D_{45}$ | $== D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24} == D_{37}$ | $D_{24} == D_{16}D_{37}$ | $D_{16} == D_{24}D_{37}$ | $== D_{16}D_{24}D_{37}$ |

E8#=30

flip=False split # ↓,

{1, 7, 2}{1, 5, 3}{1, 6, 4}{2, 4, 3}{2, 5, 6}{3, 6, 7}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{17}D_{34}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{13}D_{47}$ | $D_{26}D_{47}$ | $D_{13}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{35}$ | $D_{27}D_{35}$ |
| == | == | == | == |
| $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}D_{36}D_{45}$ | $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{25}D_{37}$ | $D_{25}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 6, 3}{1, 5, 4}{2, 3, 4}{2, 5, 6}{3, 5, 7}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ | $D_{23}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{15}D_{67}$ | $D_{23}D_{67}$ | $D_{15}D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{13}D_{25}D_{47}$ | $D_{47}$ | $D_{13}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{12}D_{46}$ | $D_{35}D_{46}$ | $D_{12}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{26}$ | $D_{14}D_{26}$ |
| == | == | == | == |
| $D_{14}D_{26}D_{37}$ | $D_{26}D_{37}$ | $D_{14}D_{37}$ | $D_{37}$ |

E8#=31

flip=False split # ↓,

{1, 7, 2}{1, 3, 6}{1, 5, 4}{2, 3, 5}{2, 4, 6}{3, 4, 7}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{35}$ | $D_{17}D_{35}$ |
| == | == | == | == |
| $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{27}D_{36}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ | $D_{37}$ | $D_{15}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 5, 3}{1, 6, 4}{2, 6, 3}{2, 4, 5}{3, 4, 7}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{12}D_{56}$ | $D_{34}D_{56}$ | $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{26}$ | $D_{15}D_{26}$ |
| == | == | == | == |
| $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{46}$ | $D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ | $D_{37}$ | $D_{16}D_{37}$ |

E8#=32

flip=False split # ↓,

{1, 2, 4}{1, 5, 3}{1, 7, 6}{2, 7, 3}{2, 6, 5}{3, 6, 4}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ | == $D_{67}$ | == $D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | == $D_{12}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{37}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{25}D_{34}$ | == $D_{17}D_{25}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 6, 3}{1, 7, 5}{2, 3, 7}{2, 6, 5}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{35}$ == $D_{12}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{36}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ |

E8#=33

flip=False split # ↓,

{1, 4, 2}{1, 7, 3}{1, 6, 5}{2, 5, 3}{2, 7, 6}{3, 6, 4}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}$ == $D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{14}D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ | == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 7}{1, 6, 5}{2, 6, 3}{2, 7, 5}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

E8#=34

flip=False split # ↓,

{1, 5, 2}{1, 3, 4}{1, 7, 6}{2, 3, 7}{2, 6, 4}{3, 6, 5}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{27}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ | == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 4, 3}{1, 7, 6}{2, 3, 6}{2, 7, 4}{3, 7, 5}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}$ == $D_{34}D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{26}D_{57}$ | == $D_{14}D_{26}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{15}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ | == $D_{15}D_{36}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | == $D_{17}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{24}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ |

E8#=35

flip=False split # ↓,

{1, 5, 2}{1, 4, 3}{1, 6, 7}{2, 3, 7}{2, 6, 4}{3, 5, 6}{4, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{25}D_{34} == D_{67}$ | $D_{34} == D_{25}D_{67}$ | $D_{25} == D_{34}D_{67}$ | $== D_{25}D_{34}D_{67}$ |
| 2 | 5 | 7 |
| $D_{13} == D_{26}D_{57}$ | $== D_{13}D_{26}D_{57}$ | $D_{13}D_{26} == D_{57}$ | $D_{26} == D_{13}D_{57}$ |
| 2 | 4 | 6 |
| $D_{27} == D_{14}D_{56}$ | $D_{14}D_{27} == D_{56}$ | $== D_{14}D_{27}D_{56}$ | $D_{14} == D_{27}D_{56}$ |
| 1 | 6 | 7 |
| $== D_{12}D_{36}D_{47}$ | $D_{12} == D_{36}D_{47}$ | $D_{36} == D_{12}D_{47}$ | $D_{12}D_{36} == D_{47}$ |
| 1 | 4 | 5 |
| $D_{15}D_{37} == D_{46}$ | $D_{37} == D_{15}D_{46}$ | $D_{15} == D_{37}D_{46}$ | $== D_{15}D_{37}D_{46}$ |
| 3 | 4 | 7 |
| $== D_{16}D_{23}D_{45}$ | $D_{16} == D_{23}D_{45}$ | $D_{23} == D_{16}D_{45}$ | $D_{16}D_{23} == D_{45}$ |
| 3 | 5 | 6 |
| $D_{17}D_{24} == D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $== D_{17}D_{24}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 4}{1, 6, 7}{2, 3, 6}{2, 7, 4}{3, 5, 7}{4, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $== D_{25}D_{34}D_{67}$ | $D_{25} == D_{34}D_{67}$ | $D_{34} == D_{25}D_{67}$ | $D_{25}D_{34} == D_{67}$ |
| 2 | 4 | 6 |
| $D_{14}D_{26} == D_{57}$ | $D_{26} == D_{14}D_{57}$ | $D_{14} == D_{26}D_{57}$ | $== D_{14}D_{26}D_{57}$ |
| 2 | 5 | 7 |
| $== D_{13}D_{27}D_{56}$ | $D_{13} == D_{27}D_{56}$ | $D_{27} == D_{13}D_{56}$ | $D_{13}D_{27} == D_{56}$ |
| 1 | 4 | 5 |
| $D_{36} == D_{15}D_{47}$ | $D_{15}D_{36} == D_{47}$ | $== D_{15}D_{36}D_{47}$ | $D_{15} == D_{36}D_{47}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{37}D_{46}$ | $== D_{12}D_{37}D_{46}$ | $D_{12}D_{37} == D_{46}$ | $D_{37} == D_{12}D_{46}$ |
| 3 | 4 | 7 |
| $D_{17} == D_{23}D_{45}$ | $== D_{17}D_{23}D_{45}$ | $D_{17}D_{23} == D_{45}$ | $D_{23} == D_{17}D_{45}$ |
| 3 | 5 | 6 |
| $D_{24} == D_{16}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16} == D_{24}D_{35}$ |

E8#=36

flip=False split # ↓,

{1, 4, 2}{1, 3, 7}{1, 5, 6}{2, 5, 3}{2, 7, 6}{3, 4, 6}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | == $D_{12}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 7, 3}{1, 5, 6}{2, 6, 3}{2, 7, 5}{3, 4, 5}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{35}$ == $D_{12}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{26}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ |

E8#=37

flip=False split # ↓,

{1, 2, 4}{1, 3, 5}{1, 6, 7}{2, 7, 3}{2, 6, 5}{3, 4, 6}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{24}$ | $D_{35}$ | $D_{24}D_{35}$ |
| == | == | == | == |
| $D_{24}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{24}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{57}$ | $D_{57}$ | $D_{12}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{14}$ | $D_{37}$ | $D_{14}D_{37}$ |
| == | == | == | == |
| $D_{14}D_{37}D_{56}$ | $D_{37}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{13}D_{47}$ | $D_{26}D_{47}$ | $D_{13}D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ | | $D_{15}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{15}D_{27}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{16}D_{23}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{23}D_{45}$ | $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ | $D_{25}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{17}D_{34}$ | $D_{25}D_{34}$ | $D_{17}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 6}{1, 5, 7}{2, 3, 7}{2, 6, 5}{3, 4, 5}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{12}D_{67}$ | $D_{35}D_{67}$ | $D_{12}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ | | $D_{24}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{24}D_{36}D_{57}$ | $D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{37}D_{56}$ | $D_{14}D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{13}D_{25}D_{47}$ | $D_{47}$ | $D_{13}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ | $D_{27}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{16}D_{45}$ | $D_{27}D_{45}$ | $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{34}$ | $D_{17}D_{26}D_{34}$ | $D_{34}$ | $D_{17}D_{34}$ |

E8#=38

flip=False split # ↓,

{1, 2, 4}{1, 6, 3}{1, 5, 7}{2, 3, 5}{2, 6, 7}{3, 4, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}$ == $D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{14}D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{24}D_{36}$ == $D_{24}D_{36}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{56}$ | $D_{12}$ == $D_{12}D_{37}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | $D_{16}D_{25}$ == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{46}$ | $D_{17}$ == $D_{17}D_{23}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{26}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 7, 4}{1, 5, 6}{2, 4, 6}{2, 5, 7}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == $D_{46}D_{57}$ | == $D_{13}D_{46}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{14}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

E8#=39

flip=False split # ↓,

{1, 2, 3}{1, 5, 4}{1, 7, 6}{2, 7, 4}{2, 6, 5}{3, 4, 6}{3, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}$ == $D_{45}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{23}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ |
| 1 | 4 | 5 |
| $D_{13}$ == $D_{13}D_{47}D_{56}$ | $D_{47}$ == $D_{47}D_{56}$ | $D_{13}D_{47}$ == $D_{13}D_{56}$ |
| 2 | 5 | 7 |
| $D_{14}$ == $D_{26}D_{37}$ | $D_{14}D_{26}$ == $D_{14}D_{26}D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ |
| 2 | 4 | 6 |
| $D_{15}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{15}D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{16}$ == $D_{16}D_{24}D_{35}$ | $D_{24}$ == $D_{24}D_{35}$ | $D_{16}D_{24}$ == $D_{16}D_{35}$ |
| 3 | 5 | 6 |
| $D_{25}$ == $D_{17}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ | $D_{17}$ == $D_{17}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 5}{1, 7, 6}{2, 6, 4}{2, 7, 5}{3, 4, 7}{3, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{45}$ == $D_{23}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ | $D_{23}$ == $D_{23}D_{45}D_{67}$ | $D_{45}D_{67}$ |
| 1 | 4 | 5 |
| $D_{13}$ == $D_{46}D_{57}$ | $D_{13}D_{46}$ == $D_{13}D_{46}D_{57}$ | $D_{46}$ == $D_{57}$ | $D_{13}D_{57}$ |
| 1 | 6 | 7 |
| $D_{47}$ == $D_{12}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | $D_{12}$ == $D_{12}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ | $D_{15}$ == $D_{15}D_{26}D_{37}$ | $D_{26}D_{37}$ |
| 2 | 5 | 7 |
| $D_{14}$ == $D_{14}D_{27}D_{36}$ | $D_{27}$ == $D_{27}D_{36}$ | $D_{14}D_{27}$ == $D_{14}D_{36}$ | $D_{36}$ |
| 3 | 4 | 7 |
| $D_{17}$ == $D_{24}D_{35}$ | $D_{17}D_{24}$ == $D_{17}D_{24}D_{35}$ | $D_{24}$ == $D_{35}$ | $D_{17}D_{35}$ |
| 3 | 5 | 6 |
| $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ | $D_{16}D_{25}D_{34}$ |

E8#=40

flip=False split # ↓,

{1, 3, 2}{1, 4, 5}{1, 6, 7}{2, 4, 6}{2, 7, 5}{3, 4, 7}{3, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23} == D_{45}D_{67}$ | $D_{23}D_{45} == D_{23}D_{45}D_{67}$ | $D_{45} == D_{67}$ | $D_{23} == D_{23}D_{67}$ |
| 1 | 4 | 5 |
| $D_{13}D_{46} == D_{57}$ | $D_{46} == D_{13}D_{57}$ | $D_{13} == D_{46}D_{57}$ | $== D_{13}D_{46}D_{57}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{47}D_{56}$ | $== D_{12}D_{47}D_{56}$ | $D_{12}D_{47} == D_{56}$ | $D_{47} == D_{12}D_{56}$ |
| 2 | 4 | 6 |
| $== D_{15}D_{26}D_{37}$ | $D_{15} == D_{26}D_{37}$ | $D_{26} == D_{15}D_{37}$ | $D_{15}D_{26} == D_{37}$ |
| 2 | 5 | 7 |
| $D_{14}D_{27} == D_{36}$ | $D_{27} == D_{14}D_{36}$ | $D_{14} == D_{27}D_{36}$ | $== D_{14}D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{17} == D_{24}D_{35}$ | $== D_{17}D_{24}D_{35}$ | $D_{17}D_{24} == D_{35}$ | $D_{24} == D_{17}D_{35}$ |
| 3 | 5 | 6 |
| $D_{25} == D_{16}D_{34}$ | $D_{16}D_{25} == D_{34}$ | $== D_{16}D_{25}D_{34}$ | $D_{16} == D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 5, 4}{1, 6, 7}{2, 4, 7}{2, 6, 5}{3, 4, 6}{3, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | 6 | 7 |
| $== D_{12}D_{46}D_{57}$ | $D_{12} == D_{46}D_{57}$ | $D_{46} == D_{12}D_{57}$ | $D_{12}D_{46} == D_{57}$ |
| 1 | 4 | 5 |
| $D_{47} == D_{13}D_{56}$ | $D_{13}D_{47} == D_{56}$ | $== D_{13}D_{47}D_{56}$ | $D_{13} == D_{47}D_{56}$ |
| 2 | 5 | 7 |
| $D_{26} == D_{14}D_{37}$ | $D_{14}D_{26} == D_{37}$ | $== D_{14}D_{26}D_{37}$ | $D_{14} == D_{26}D_{37}$ |
| 2 | 4 | 6 |
| $D_{15} == D_{27}D_{36}$ | $== D_{15}D_{27}D_{36}$ | $D_{15}D_{27} == D_{36}$ | $D_{27} == D_{15}D_{36}$ |
| 3 | 4 | 7 |
| $== D_{16}D_{24}D_{35}$ | $D_{16} == D_{24}D_{35}$ | $D_{24} == D_{16}D_{35}$ | $D_{16}D_{24} == D_{35}$ |
| 3 | 5 | 6 |
| $D_{17}D_{25} == D_{34}$ | $D_{25} == D_{17}D_{34}$ | $D_{17} == D_{25}D_{34}$ | $== D_{17}D_{25}D_{34}$ |

E8#=41

flip=False split # ↓,

{1, 5, 2}{1, 6, 3}{1, 7, 4}{2, 3, 4}{2, 7, 6}{3, 5, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | == $D_{12}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | == $D_{14}D_{26}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 6, 3}{1, 7, 4}{2, 3, 7}{2, 6, 4}{3, 4, 5}{5, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{34}$ == $D_{12}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | == $D_{12}D_{34}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ | == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ |

E8#=42

flip=False split # ↓,

{1, 6, 2}{1, 3, 4}{1, 5, 7}{2, 3, 5}{2, 7, 4}{3, 7, 6}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{56}$ | $D_{27}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{36}$ | $D_{15}D_{24}D_{36}$ | $D_{36}$ | $D_{15}D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 7}{1, 4, 6}{2, 4, 3}{2, 7, 6}{3, 6, 5}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| | $D_{15}$ | $D_{34}$ | $D_{15}D_{34}$ |
| == | == | == | == |
| $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{36}D_{47}$ | $D_{12}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{25}$ | $D_{37}$ | $D_{25}D_{37}$ |
| == | == | == | == |
| $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{46}$ | $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{45}$ | $D_{45}$ | $D_{13}D_{26}D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ |

E8#=43

flip=False split # ↓,

{1, 6, 2}{1, 4, 3}{1, 5, 7}{2, 3, 7}{2, 5, 4}{3, 6, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ | == $D_{67}$ | == $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | == $D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 7, 3}{1, 4, 6}{2, 6, 3}{2, 7, 4}{3, 5, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | == $D_{12}D_{34}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{23}D_{57}$ | == $D_{14}D_{23}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{36}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ |

E8#=44

flip=False split # ↓,

{1, 2, 6}{1, 5, 3}{1, 4, 7}{2, 4, 3}{2, 7, 5}{3, 7, 6}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 5, 3}{1, 4, 7}{2, 7, 3}{2, 5, 4}{3, 6, 4}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ |

E8#=45

flip=False split # ↓,

{1, 2, 6}{1, 3, 5}{1, 7, 4}{2, 4, 3}{2, 7, 5}{3, 6, 7}{4, 6, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{16}D_{34}D_{57}$ | $D_{34}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | == $D_{26}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{13}D_{27}D_{46}$ | $D_{27}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 5}{1, 7, 4}{2, 7, 3}{2, 5, 4}{3, 4, 6}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{12}D_{34}D_{57}$ | $D_{34}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{14}D_{23}D_{56}$ | $D_{23}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | == $D_{26}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{16}D_{37}D_{45}$ | $D_{37}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ |

E8#=46

flip=False split # ↓,

{1, 6, 2}{1, 3, 4}{1, 7, 5}{2, 3, 7}{2, 5, 4}{3, 5, 6}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ | == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | == $D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 7}{1, 6, 4}{2, 6, 3}{2, 7, 4}{3, 4, 5}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | == $D_{14}D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{36}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | == $D_{25}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ |

E8#=47

flip=False split # ↓,

{1, 6, 2}{1, 4, 3}{1, 7, 5}{2, 3, 5}{2, 7, 4}{3, 6, 7}{4, 6, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{25}$ == $D_{14}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 7, 3}{1, 6, 4}{2, 4, 3}{2, 7, 6}{3, 5, 6}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{15}D_{34}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ == $D_{37}D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{27}D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ |

E8#=48

flip=False split # ↓,

{1, 5, 2}{1, 3, 6}{1, 4, 7}{2, 3, 4}{2, 7, 6}{3, 7, 5}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34} == D_{67}$ | $D_{34} == D_{15}D_{67}$ | $D_{15} == D_{34}D_{67}$ | $== D_{15}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16} == D_{16}D_{24}D_{57}$ | $D_{24} == D_{24}D_{57}$ | $D_{24} == D_{16}D_{57}$ | $D_{16}D_{24} == D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17} == D_{23}D_{56}$ | $== D_{17}D_{23}D_{56}$ | $D_{17}D_{23} == D_{56}$ | $D_{23} == D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25} == D_{36}D_{47}$ | $== D_{25}D_{36}D_{47}$ | $D_{25}D_{36} == D_{47}$ | $D_{36} == D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37} == D_{12}D_{46}$ | $D_{12}D_{37} == D_{46}$ | $== D_{12}D_{37}D_{46}$ | $D_{12} == D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{13}D_{27}D_{45}$ | $D_{13} == D_{27}D_{45}$ | $D_{27} == D_{13}D_{45}$ | $D_{13}D_{27} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14} == D_{26}D_{35}$ | $== D_{14}D_{26}D_{35}$ | $D_{14}D_{26} == D_{35}$ | $D_{26} == D_{14}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 6}{1, 4, 7}{2, 3, 7}{2, 6, 4}{3, 5, 4}{5, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{34} == D_{67}$ | $D_{34} == D_{12}D_{67}$ | $D_{12} == D_{34}D_{67}$ | $== D_{12}D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{24}D_{57}$ | $== D_{13}D_{24}D_{57}$ | $D_{13}D_{24} == D_{57}$ | $D_{24} == D_{13}D_{57}$ |
| | 3 | 4 | 7 |
| $== D_{14}D_{23}D_{56}$ | $D_{14} == D_{23}D_{56}$ | $D_{23} == D_{14}D_{56}$ | $D_{14}D_{23} == D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25} == D_{36}D_{47}$ | $== D_{25}D_{36}D_{47}$ | $D_{25}D_{36} == D_{47}$ | $D_{36} == D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{37} == D_{46}$ | $D_{37} == D_{15}D_{46}$ | $D_{15} == D_{37}D_{46}$ | $== D_{15}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $== D_{16}D_{27}D_{45}$ | $D_{16} == D_{27}D_{45}$ | $D_{27} == D_{16}D_{45}$ | $D_{16}D_{27} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17} == D_{26}D_{35}$ | $== D_{17}D_{26}D_{35}$ | $D_{17}D_{26} == D_{35}$ | $D_{26} == D_{17}D_{35}$ |

E8#=49

flip=False split # ↓,

{1, 2, 3}{1, 7, 4}{1, 5, 6}{2, 4, 5}{2, 7, 6}{3, 6, 4}{3, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{46}D_{57}$ | == $D_{12}D_{46}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{24}D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{17}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 6, 4}{1, 5, 7}{2, 5, 4}{2, 7, 6}{3, 7, 4}{3, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{13}$ == $D_{45}D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{47}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ |

E8#=50

flip=False split # ↓,

{1, 2, 3}{1, 4, 7}{1, 5, 6}{2, 4, 6}{2, 7, 5}{3, 4, 5}{3, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{45}$ | $D_{12}D_{45}$ |
| == | == | == | == |
| $D_{12}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{46}$ | $D_{13}D_{46}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{23}$ | $D_{47}$ | $D_{23}D_{47}$ |
| == | == | == | == |
| $D_{23}D_{47}D_{56}$ | $D_{47}D_{56}$ | $D_{23}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{24}D_{37}$ | $D_{15}D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{35}$ | $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{34}$ | $D_{16}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 6}{1, 5, 7}{2, 3, 5}{2, 7, 6}{3, 4, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{14}D_{35}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{24}$ | $D_{36}$ | $D_{24}D_{36}$ |
| == | == | == | == |
| $D_{24}D_{36}D_{57}$ | $D_{36}D_{57}$ | $D_{24}D_{57}$ | $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{34}$ | $D_{34}$ | $D_{15}D_{26}D_{34}$ | $D_{26}D_{34}$ |

E8#=51

flip=False split # ↓,

{1, 3, 2}{1, 6, 4}{1, 7, 5}{2, 4, 5}{2, 7, 6}{3, 7, 4}{3, 5, 6}

| 1 | 4 | 5 |
|---|---|---|
| $D_{13}D_{45} == D_{67}$ | $D_{45} == D_{13}D_{67}$ | $D_{13} == D_{45}D_{67}$ | $== D_{13}D_{45}D_{67}$ |
| 1 | 2 | 3 |
| $D_{23} == D_{23}D_{46}D_{57}$ | $D_{46} == D_{46}D_{57}$ | $D_{46} == D_{23}D_{57}$ | $D_{23}D_{46} == D_{57}$ |
| 1 | 6 | 7 |
| $D_{12}D_{47} == D_{56}$ | $D_{47} == D_{12}D_{56}$ | $D_{12} == D_{47}D_{56}$ | $== D_{12}D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $D_{25} == D_{16}D_{37}$ | $D_{16}D_{25} == D_{37}$ | $== D_{16}D_{25}D_{37}$ | $D_{16} == D_{25}D_{37}$ |
| 3 | 4 | 7 |
| $D_{17}D_{24} == D_{36}$ | $D_{24} == D_{17}D_{36}$ | $D_{17} == D_{24}D_{36}$ | $== D_{17}D_{24}D_{36}$ |
| 2 | 5 | 7 |
| $D_{14} == D_{27}D_{35}$ | $== D_{14}D_{27}D_{35}$ | $D_{14}D_{27} == D_{35}$ | $D_{27} == D_{14}D_{35}$ |
| 3 | 5 | 6 |
| $D_{15} == D_{15}D_{26}D_{34}$ | $D_{26} == D_{26}D_{34}$ | $D_{26} == D_{15}D_{34}$ | $D_{15}D_{26} == D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 7, 4}{1, 6, 5}{2, 5, 4}{2, 7, 6}{3, 6, 4}{3, 5, 7}

| 1 | 4 | 5 |
|---|---|---|
| $D_{13} == D_{13}D_{45}D_{67}$ | $D_{45} == D_{45}D_{67}$ | $D_{13}D_{45} == D_{13}D_{67}$ | $== D_{67}$ |
| 1 | 6 | 7 |
| $D_{46} == D_{12}D_{57}$ | $D_{12}D_{46} == D_{57}$ | $== D_{12}D_{46}D_{57}$ | $D_{12} == D_{46}D_{57}$ |
| 1 | 2 | 3 |
| $D_{23} == D_{47}D_{56}$ | $== D_{23}D_{47}D_{56}$ | $D_{23}D_{47} == D_{56}$ | $D_{47} == D_{23}D_{56}$ |
| 3 | 4 | 7 |
| $D_{16} == D_{24}D_{37}$ | $== D_{16}D_{24}D_{37}$ | $D_{16}D_{24} == D_{37}$ | $D_{24} == D_{16}D_{37}$ |
| 2 | 4 | 6 |
| $D_{17} == D_{17}D_{25}D_{36}$ | $D_{17} == D_{25}D_{36}$ | $D_{25} == D_{17}D_{36}$ | $D_{17}D_{25} == D_{36}$ |
| 2 | 5 | 7 |
| $D_{14}D_{26} == D_{35}$ | $D_{26} == D_{14}D_{35}$ | $D_{14} == D_{26}D_{35}$ | $== D_{14}D_{26}D_{35}$ |
| 3 | 5 | 6 |
| $D_{27} == D_{15}D_{34}$ | $D_{15}D_{27} == D_{34}$ | $== D_{15}D_{27}D_{34}$ | $D_{15} == D_{27}D_{34}$ |

E8#=52

flip=False split # ↓,

{1, 2, 3}{1, 7, 4}{1, 6, 5}{2, 6, 4}{2, 5, 7}{3, 4, 5}{3, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{45}$ | $D_{12}D_{45}$ |
| == | == | == | == |
| $D_{12}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{46}$ | $D_{46}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{13}D_{57}$ | $D_{46}D_{57}$ | $D_{13}D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}$ | | $D_{23}D_{47}$ | $D_{47}$ |
| == | == | == | == |
| $D_{47}D_{56}$ | $D_{23}D_{47}D_{56}$ | $D_{56}$ | $D_{23}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{37}$ | $D_{24}D_{37}$ | $D_{15}D_{37}$ | $D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}$ | | $D_{14}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{36}$ | $D_{14}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 6, 3}{1, 7, 5}{2, 5, 3}{2, 6, 7}{3, 4, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{14}D_{35}$ | $D_{35}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{14}D_{67}$ | $D_{35}D_{67}$ | $D_{14}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ | | $D_{24}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{24}D_{36}D_{57}$ | $D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| | $D_{16}$ | $D_{25}$ | $D_{16}D_{25}$ |
| == | == | == | == |
| $D_{16}D_{25}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{47}$ | $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{46}$ | $D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{13}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{34}$ | $D_{15}D_{26}D_{34}$ | $D_{34}$ | $D_{15}D_{34}$ |

E8#=53

flip=False split # ↓,

{1, 2, 4}{1, 3, 6}{1, 7, 5}{2, 5, 3}{2, 7, 6}{3, 4, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| | $D_{14}$ | $D_{35}$ | $D_{14}D_{35}$ |
| == | == | == | == |
| $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36}$ | $D_{36}$ | $D_{24}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{24}D_{57}$ | $D_{36}D_{57}$ | $D_{24}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{56}$ | $D_{12}D_{37}D_{56}$ | $D_{56}$ | $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{13}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ | $D_{26}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{15}D_{34}$ | $D_{26}D_{34}$ | $D_{15}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 7}{1, 6, 5}{2, 6, 4}{2, 7, 5}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{12}D_{67}$ | $D_{45}D_{67}$ | $D_{12}D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| | $D_{13}$ | $D_{46}$ | $D_{13}D_{46}$ |
| == | == | == | == |
| $D_{13}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ | $D_{47}$ | $D_{23}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{23}D_{56}$ | $D_{47}D_{56}$ | $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{24}D_{37}$ | $D_{15}D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}$ | | $D_{14}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{36}$ | $D_{14}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{17}D_{26}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{35}$ | $D_{35}$ | $D_{17}D_{26}D_{35}$ | $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{27}$ | $D_{16}D_{27}$ |
| == | == | == | == |
| $D_{16}D_{27}D_{34}$ | $D_{27}D_{34}$ | $D_{16}D_{34}$ | $D_{34}$ |

E8#=54

flip=False split # ↓,

{1, 2, 5}{1, 3, 6}{1, 4, 7}{2, 3, 7}{2, 6, 4}{3, 4, 5}{5, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ | == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ | == $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 6}{1, 4, 7}{2, 3, 4}{2, 7, 6}{3, 5, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | == $D_{16}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |

E8#=55

flip=False split # ↓,

{1, 5, 2}{1, 7, 3}{1, 6, 4}{2, 4, 3}{2, 7, 6}{3, 6, 5}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ | == $D_{67}$ | == $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 4, 3}{1, 7, 5}{2, 3, 5}{2, 7, 4}{3, 7, 6}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ | == $D_{67}$ | == $D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ |

E8#=56

flip=False split # ↓,

{1, 5, 2}{1, 3, 7}{1, 6, 4}{2, 6, 3}{2, 7, 4}{3, 5, 4}{5, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{36}D_{47}$ | == $D_{15}D_{36}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 4}{1, 7, 5}{2, 3, 7}{2, 5, 4}{3, 6, 5}{4, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| == $D_{13}D_{25}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ | $D_{13}D_{25}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{27}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ | == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{17}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ |

E8#=57

flip=False split # ↓,

{1, 6, 2}{1, 3, 5}{1, 7, 4}{2, 7, 3}{2, 5, 4}{3, 6, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{12}D_{57}$ | $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{26}D_{35}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{47}$ | $D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{15}D_{27}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{46}$ | $D_{46}$ | $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 5}{1, 7, 4}{2, 4, 3}{2, 7, 5}{3, 7, 6}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{26}D_{35}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{47}$ | $D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{13}D_{46}$ | $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{14}D_{36}$ | $D_{36}$ |

E8#=58

flip=False split # ↓,

{1, 6, 2}{1, 5, 3}{1, 4, 7}{2, 7, 3}{2, 5, 4}{3, 4, 6}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ | $D_{35}$ | $D_{26}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{26}D_{47}$ | $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 5, 3}{1, 4, 7}{2, 4, 3}{2, 7, 5}{3, 6, 7}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ | $D_{35}$ | $D_{26}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{26}D_{47}$ | $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ | $D_{46}$ | $D_{13}D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{45}$ | $D_{37}D_{45}$ | $D_{12}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ |

E8#=59

flip=False split # ↓,

{1, 5, 2}{1, 7, 3}{1, 4, 6}{2, 6, 3}{2, 7, 4}{3, 4, 5}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{47}$ | $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ | $D_{37}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{25}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 4, 3}{1, 5, 7}{2, 3, 7}{2, 5, 4}{3, 5, 6}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ | $D_{26}D_{34}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{14}D_{27}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{47}$ | $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ | $D_{23}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{16}D_{37}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

E8#=60

flip=False split # ↓,

{1, 5, 2}{1, 3, 7}{1, 4, 6}{2, 4, 3}{2, 7, 6}{3, 5, 6}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}$ == $D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{15}D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}D_{57}$ == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{24}D_{56}$ | $D_{17}$ == $D_{17}D_{24}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ == $D_{37}D_{46}$ | $D_{25}$ == $D_{25}D_{37}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{45}$ | $D_{13}$ == $D_{13}D_{26}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}D_{35}$ == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 4}{1, 5, 7}{2, 3, 5}{2, 7, 4}{3, 6, 7}{4, 6, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}D_{57}$ == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ |

E8#=61

flip=False split # ↓,

{1, 2, 5}{1, 6, 3}{1, 7, 4}{2, 3, 7}{2, 6, 4}{3, 5, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}$ | | $D_{25}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{25}D_{36}D_{47}$ | $D_{47}$ | $D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{15}D_{37}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{46}$ | $D_{46}$ | $D_{15}D_{37}D_{46}$ | $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{35}$ | $D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 6, 3}{1, 7, 4}{2, 3, 4}{2, 7, 6}{3, 7, 5}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{15}D_{34}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}$ | | $D_{25}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{25}D_{36}D_{47}$ | $D_{47}$ | $D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ | $D_{37}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{12}D_{46}$ | $D_{37}D_{46}$ | $D_{12}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{13}D_{27}D_{45}$ | $D_{45}$ | $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{26}$ | $D_{14}D_{26}$ |
| == | == | == | == |
| $D_{14}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{14}D_{35}$ | $D_{35}$ |

E8#=62

flip=False split # ↓,

{1, 2, 3}{1, 6, 4}{1, 5, 7}{2, 5, 4}{2, 7, 6}{3, 4, 7}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| == | $D_{13}$ == | $D_{45}$ == | $D_{13}D_{45}$ == |
| $D_{13}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == | $D_{23}D_{46}$ == | == | $D_{23}$ == |
| $D_{23}D_{57}$ | $D_{57}$ | $D_{23}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| == | $D_{12}$ == | $D_{47}$ == | $D_{12}D_{47}$ == |
| $D_{12}D_{47}D_{56}$ | $D_{47}D_{56}$ | $D_{12}D_{56}$ | $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ == | $D_{25}$ == | $D_{16}$ == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| == | $D_{17}$ == | $D_{24}$ == | $D_{17}D_{24}$ == |
| $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == | == | $D_{14}D_{27}$ == | $D_{27}$ == |
| $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ | $D_{35}$ | $D_{14}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == | $D_{15}D_{26}$ == | == | $D_{15}$ == |
| $D_{15}D_{34}$ | $D_{34}$ | $D_{15}D_{26}D_{34}$ | $D_{26}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 7, 4}{1, 5, 6}{2, 4, 5}{2, 7, 6}{3, 4, 6}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}D_{45}$ == | $D_{45}$ == | $D_{13}$ == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == | == | $D_{12}D_{46}$ == | $D_{46}$ == |
| $D_{46}D_{57}$ | $D_{12}D_{46}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ == | $D_{47}$ == | $D_{23}$ == | == |
| $D_{56}$ | $D_{23}D_{56}$ | $D_{47}D_{56}$ | $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == | $D_{16}D_{24}$ == | == | $D_{16}$ == |
| $D_{16}D_{37}$ | $D_{37}$ | $D_{16}D_{24}D_{37}$ | $D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == | == | $D_{17}D_{25}$ == | $D_{25}$ == |
| $D_{25}D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{36}$ | $D_{17}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{26}$ == | $D_{26}$ == | $D_{14}$ == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| == | $D_{15}$ == | $D_{27}$ == | $D_{15}D_{27}$ == |
| $D_{15}D_{27}D_{34}$ | $D_{27}D_{34}$ | $D_{15}D_{34}$ | $D_{34}$ |

E8#=63

flip=False split # ↓,

{1, 3, 2}{1, 4, 6}{1, 5, 7}{2, 5, 4}{2, 6, 7}{3, 7, 4}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{24}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 7}{1, 5, 6}{2, 4, 5}{2, 6, 7}{3, 6, 4}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}$ == $D_{45}D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ | == $D_{12}D_{46}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ |

E8#=64

flip=False split # ↓,

{1, 2, 3}{1, 4, 5}{1, 7, 6}{2, 6, 4}{2, 7, 5}{3, 7, 4}{3, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | 4 | 5 |
| $D_{13} == D_{13}D_{46}D_{57}$ | $D_{46} == D_{46}D_{57}$ | $D_{46}D_{13} == D_{13}D_{57}$ |
| 1 | 6 | 7 |
| $D_{47} == D_{12}D_{56}$ | $D_{12}D_{47} == D_{56}$ | $D_{12} == D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $D_{15} == D_{26}D_{37}$ | $D_{15}D_{26} == D_{15}D_{26}D_{37}$ | $D_{26} == D_{37}$ |
| 2 | 5 | 7 |
| $D_{14}D_{27} == D_{36}$ | $D_{27} == D_{14}D_{36}$ | $D_{14} == D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{24} == D_{17}D_{35}$ | $D_{17}D_{24} == D_{35}$ | $D_{17} == D_{17}D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{16} == D_{16}D_{25}D_{34}$ | $D_{25} == D_{25}D_{34}$ | $D_{16}D_{25} == D_{16}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 5, 4}{1, 7, 6}{2, 7, 4}{2, 6, 5}{3, 6, 4}{3, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23} == D_{23}D_{45}D_{67}$ | $D_{45} == D_{45}D_{67}$ | $D_{23}D_{45} == D_{23}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ | $D_{12} == D_{46}D_{57}$ |
| 1 | 4 | 5 |
| $D_{13} == D_{47}D_{56}$ | $D_{13}D_{47} == D_{13}D_{47}D_{56}$ | $D_{47} == D_{56}$ |
| 2 | 5 | 7 |
| $D_{26} == D_{14}D_{37}$ | $D_{14}D_{26} == D_{37}$ | $D_{14} == D_{14}D_{26}D_{37}$ |
| 2 | 4 | 6 |
| $D_{15} == D_{15}D_{27}D_{36}$ | $D_{27} == D_{27}D_{36}$ | $D_{15}D_{27} == D_{15}D_{36}$ |
| 3 | 4 | 7 |
| $D_{24} == D_{35}$ | $D_{16} == D_{16}D_{35}$ | $D_{16} == D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{17} == D_{25}D_{34}$ | $D_{17}D_{25} == D_{17}D_{25}D_{34}$ | $D_{25} == D_{34}$ |

E8#=65

flip=False split # ↓,

{1, 5, 2}{1, 6, 3}{1, 4, 7}{2, 3, 7}{2, 4, 6}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| == | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| $D_{12}D_{34}D_{67}$ | == $D_{34}D_{67}$ | == $D_{12}D_{67}$ | == $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ | $D_{36}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{25}D_{47}$ | $D_{36}D_{47}$ | $D_{25}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{37}$ | $D_{15}D_{37}$ |
| == | == | == | == |
| $D_{15}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{26}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 6, 3}{1, 4, 7}{2, 3, 4}{2, 6, 7}{3, 7, 5}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{34}$ | $D_{15}D_{34}$ |
| == | == | == | == |
| $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ | $D_{36}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{25}D_{47}$ | $D_{36}D_{47}$ | $D_{25}D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{12}D_{37}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ |

E8#=66

flip=False split # ↓,

{1, 2, 5}{1, 3, 7}{1, 6, 4}{2, 4, 3}{2, 6, 7}{3, 5, 6}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34} == D_{67}$ | $D_{34} == D_{15}D_{67}$ | $D_{15} == D_{34}D_{67}$ | $== D_{15}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{16}D_{57}$ | $D_{16}D_{23} == D_{57}$ | $== D_{16}D_{23}D_{57}$ | $D_{16} == D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17} == D_{24}D_{56}$ | $== D_{17}D_{24}D_{56}$ | $D_{17}D_{24} == D_{56}$ | $D_{24} == D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{36}D_{47}$ | $== D_{12}D_{36}D_{47}$ | $D_{12}D_{36} == D_{47}$ | $D_{36} == D_{12}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37} == D_{46}$ | $D_{37} == D_{25}D_{46}$ | $D_{25} == D_{37}D_{46}$ | $== D_{25}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{26}D_{45}$ | $D_{13} == D_{26}D_{45}$ | $D_{26} == D_{13}D_{45}$ | $D_{13}D_{26} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27} == D_{35}$ | $D_{27} == D_{14}D_{35}$ | $D_{14} == D_{27}D_{35}$ | $== D_{14}D_{27}D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 4}{1, 7, 5}{2, 3, 5}{2, 4, 7}{3, 6, 7}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}D_{25} == D_{67}$ | $D_{25} == D_{14}D_{67}$ | $D_{14} == D_{25}D_{67}$ | $== D_{14}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34} == D_{26}D_{57}$ | $D_{26}D_{34} == D_{57}$ | $== D_{26}D_{34}D_{57}$ | $D_{26} == D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27} == D_{13}D_{56}$ | $D_{13}D_{27} == D_{56}$ | $== D_{13}D_{27}D_{56}$ | $D_{13} == D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $== D_{16}D_{35}D_{47}$ | $D_{16} == D_{35}D_{47}$ | $D_{35} == D_{16}D_{47}$ | $D_{16}D_{35} == D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23} == D_{46}$ | $D_{23} == D_{17}D_{46}$ | $D_{17} == D_{23}D_{46}$ | $== D_{17}D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37} == D_{45}$ | $D_{37} == D_{12}D_{45}$ | $D_{12} == D_{37}D_{45}$ | $== D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15} == D_{24}D_{36}$ | $== D_{15}D_{24}D_{36}$ | $D_{15}D_{24} == D_{36}$ | $D_{24} == D_{15}D_{36}$ |

E8#=67

flip=False split # ↓,

{1, 2, 5}{1, 7, 3}{1, 6, 4}{2, 6, 3}{2, 4, 7}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{57}$ | $D_{23}D_{57}$ | $D_{14}D_{57}$ | $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{56}$ | $D_{13}D_{24}D_{56}$ | $D_{56}$ | $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{36}$ | $D_{36}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{15}D_{47}$ | $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ | | $D_{25}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ | $D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{35}$ | $D_{16}D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 4, 3}{1, 7, 5}{2, 3, 7}{2, 4, 5}{3, 5, 6}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ | $D_{25}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{26}$ | $D_{34}$ | $D_{26}D_{34}$ |
| == | == | == | == |
| $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{26}D_{57}$ | $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{14}D_{27}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| | $D_{16}$ | $D_{37}$ | $D_{16}D_{37}$ |
| == | == | == | == |
| $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ | $D_{16}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24}$ | $D_{24}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{17}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{24}D_{36}$ |

E8#=68

flip=False split # ↓,

{1, 2, 6}{1, 5, 3}{1, 7, 4}{2, 7, 3}{2, 4, 5}{3, 4, 6}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}$ == $D_{24}D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{67}$ | $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ | == $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{15}D_{27}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | == $D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{25}D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 5, 3}{1, 7, 4}{2, 4, 3}{2, 5, 7}{3, 6, 7}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ |

E8#=69

flip=False split # ↓,

{1, 2, 6}{1, 3, 5}{1, 4, 7}{2, 7, 3}{2, 4, 5}{3, 6, 4}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24} == D_{67}$ | $D_{24} == D_{13}D_{67}$ | $D_{13} == D_{24}D_{67}$ | $== D_{13}D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34} == D_{12}D_{57}$ | $D_{12}D_{34} == D_{57}$ | $== D_{12}D_{34}D_{57}$ | $D_{12} == D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14} == D_{23}D_{56}$ | $== D_{14}D_{23}D_{56}$ | $D_{14}D_{23} == D_{56}$ | $D_{23} == D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| | $D_{26} == D_{26}D_{35}D_{47}$ | $D_{35} == D_{26}D_{47}$ | $D_{26}D_{35} == D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27} == D_{15}D_{46}$ | $D_{15}D_{27} == D_{46}$ | $== D_{15}D_{27}D_{46}$ | $D_{15} == D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37} == D_{45}$ | $D_{37} == D_{16}D_{45}$ | $D_{16} == D_{37}D_{45}$ | $== D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25} == D_{36}$ | $D_{25} == D_{17}D_{36}$ | $D_{17} == D_{25}D_{36}$ | $== D_{17}D_{25}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 5}{1, 4, 7}{2, 4, 3}{2, 5, 7}{3, 7, 6}{4, 6, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{24} == D_{15}D_{67}$ | $D_{15}D_{24} == D_{67}$ | $== D_{15}D_{24}D_{67}$ | $D_{15} == D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34} == D_{57}$ | $D_{34} == D_{16}D_{57}$ | $D_{16} == D_{34}D_{57}$ | $== D_{16}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{17} == D_{17}D_{23}D_{56}$ | $D_{23} == D_{23}D_{56}$ | $D_{17}D_{23} == D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| | $D_{26} == D_{26}D_{35}D_{47}$ | $D_{35} == D_{26}D_{47}$ | $D_{26}D_{35} == D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27} == D_{13}D_{46}$ | $D_{13}D_{27} == D_{46}$ | $== D_{13}D_{27}D_{46}$ | $D_{13} == D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37} == D_{45}$ | $D_{37} == D_{12}D_{45}$ | $D_{12} == D_{37}D_{45}$ | $== D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25} == D_{36}$ | $D_{25} == D_{14}D_{36}$ | $D_{14} == D_{25}D_{36}$ | $== D_{14}D_{25}D_{36}$ |

E8#=70

flip=False split # ↓,

{1, 2, 5}{1, 3, 7}{1, 4, 6}{2, 6, 3}{2, 4, 7}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{67}$ | $D_{12}D_{34}$ == $D_{12}D_{34}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ | $D_{14}D_{23}D_{57}$ == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ | == $D_{15}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 4}{1, 5, 7}{2, 3, 7}{2, 4, 5}{3, 6, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ | $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{27}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ | == $D_{15}D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ |

E8#=71

flip=False split # ↓,

{1, 2, 5}{1, 7, 3}{1, 4, 6}{2, 4, 3}{2, 6, 7}{3, 6, 5}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{27}D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 4, 3}{1, 5, 7}{2, 3, 5}{2, 4, 7}{3, 7, 6}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ |

E8#=72

flip=False split # ↓,

{1, 5, 2}{1, 3, 6}{1, 7, 4}{2, 3, 7}{2, 4, 6}{3, 4, 5}{5, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{34}D_{67}$ | $D_{12}D_{34}$ == $D_{12}D_{34}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{23}D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ | == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 6}{1, 7, 4}{2, 3, 4}{2, 6, 7}{3, 5, 7}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{15}D_{34}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | == $D_{16}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ | == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{26}D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ |

E8#=73

flip=False split # ↓,

{1, 3, 2}{1, 5, 4}{1, 7, 6}{2, 6, 4}{2, 5, 7}{3, 4, 7}{3, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}$ | $D_{45}$ | $D_{23}D_{45}$ |
| == | == | == |
| $D_{23}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{67}$ | $D_{67}$ |
| 1 | 4 | 5 |
| $D_{46}$ | $D_{13}D_{46}$ | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| 1 | 6 | 7 |
| $D_{12}$ | $D_{12}D_{47}$ | $D_{47}$ |
| == | == | == | == |
| $D_{47}D_{56}$ | $D_{12}D_{47}D_{56}$ | $D_{56}$ | $D_{12}D_{56}$ |
| 2 | 4 | 6 |
| $D_{15}D_{26}$ | $D_{26}$ | $D_{15}$ |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ |
| 2 | 5 | 7 |
| $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{36}$ | $D_{27}D_{36}$ | $D_{14}D_{36}$ | $D_{36}$ |
| 3 | 4 | 7 |
| $D_{24}$ | $D_{17}D_{24}$ | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{35}$ | $D_{35}$ | $D_{17}D_{24}D_{35}$ | $D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{16}$ | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{34}$ | $D_{16}D_{25}D_{34}$ | $D_{34}$ | $D_{16}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 5}{1, 7, 6}{2, 7, 4}{2, 5, 6}{3, 4, 6}{3, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}D_{45}$ | $D_{45}$ | $D_{23}$ |
| == | == | == | == |
| $D_{67}$ | $D_{23}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{45}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}$ | $D_{46}$ | $D_{12}D_{46}$ |
| == | == | == | == |
| $D_{12}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{12}D_{57}$ | $D_{57}$ |
| 1 | 4 | 5 |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}$ |
| == | == | == | == |
| $D_{56}$ | $D_{13}D_{56}$ | $D_{47}D_{56}$ | $D_{13}D_{47}D_{56}$ |
| 2 | 5 | 7 |
| $D_{14}$ | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{37}$ | $D_{14}D_{26}D_{37}$ | $D_{37}$ | $D_{14}D_{37}$ |
| 2 | 4 | 6 |
| $D_{27}$ | $D_{15}D_{27}$ | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{36}$ | $D_{36}$ | $D_{15}D_{27}D_{36}$ | $D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ |
| == | == | == | == |
| $D_{35}$ | $D_{16}D_{35}$ | $D_{24}D_{35}$ | $D_{16}D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{34}$ | $D_{25}D_{34}$ | $D_{17}D_{34}$ | $D_{34}$ |

E8#=74

flip=False split # ↓,

{1, 5, 2}{1, 3, 6}{1, 7, 4}{2, 7, 3}{2, 6, 4}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{25}D_{36}$ | | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{47}$ | $D_{25}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{15}D_{37}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{35}$ | $D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 6}{1, 7, 4}{2, 4, 3}{2, 7, 6}{3, 7, 5}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{67}$ | $D_{15}D_{34}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{25}D_{36}$ | | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{47}$ | $D_{25}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{12}D_{37}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{13}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{26}$ | $D_{14}D_{26}$ |
| == | == | == | == |
| $D_{14}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{14}D_{35}$ | $D_{35}$ |

E8#=75

flip=False split # ↓,

{1, 2, 5}{1, 7, 3}{1, 4, 6}{2, 3, 4}{2, 7, 6}{3, 5, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 4, 3}{1, 5, 7}{2, 5, 3}{2, 7, 4}{3, 6, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| == $D_{14}D_{25}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ |

E8#=76

flip=False split # ↓,

{1, 2, 5}{1, 3, 7}{1, 4, 6}{2, 3, 6}{2, 7, 4}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{15}D_{36}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{25}$ | $D_{37}$ | $D_{25}D_{37}$ |
| == | == | == | == |
| $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 4}{1, 5, 7}{2, 7, 3}{2, 5, 4}{3, 5, 6}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{46}$ | $D_{46}$ | $D_{15}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

E8#=77

flip=False split # ↓,

{1, 2, 6}{1, 3, 5}{1, 4, 7}{2, 3, 7}{2, 5, 4}{3, 4, 6}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 1 | 2 | 3 |
| | $D_{26}$ | $D_{35}$ | $D_{26}D_{35}$ |
| == | == | == | == |
| $D_{26}D_{35}D_{47}$ | $D_{35}D_{47}$ | $D_{26}D_{47}$ | $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ | $D_{27}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{16}D_{37}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 5}{1, 4, 7}{2, 3, 4}{2, 7, 5}{3, 6, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{15}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{16}D_{34}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| | $D_{26}$ | $D_{35}$ | $D_{26}D_{35}$ |
| == | == | == | == |
| $D_{26}D_{35}D_{47}$ | $D_{35}D_{47}$ | $D_{26}D_{47}$ | $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{13}D_{46}$ | $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ |

E8#=78

flip=False split # ↓,

{1, 2, 6}{1, 5, 3}{1, 7, 4}{2, 3, 7}{2, 5, 4}{3, 6, 4}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{57}$ | $D_{57}$ | $D_{12}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{23}D_{56}$ | $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ | | $D_{15}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{15}D_{27}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{16}D_{37}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 5, 3}{1, 7, 4}{2, 3, 4}{2, 7, 5}{3, 7, 6}{4, 6, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{16}D_{34}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ | $D_{23}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{17}D_{56}$ | $D_{23}D_{56}$ | $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ | $D_{46}$ | $D_{13}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ | $D_{37}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{37}D_{45}$ | $D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{14}D_{36}$ | $D_{36}$ |

E8#=79

flip=False split # ↓,

{1, 2, 5}{1, 7, 3}{1, 6, 4}{2, 3, 6}{2, 7, 4}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{67}$ | $D_{12}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{15}D_{36}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ | | $D_{25}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ | $D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ | | $D_{17}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{27}$ | $D_{16}D_{27}$ |
| == | == | == | == |
| $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ | $D_{16}D_{35}$ | $D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 4, 3}{1, 7, 5}{2, 7, 3}{2, 5, 4}{3, 6, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{26}$ | $D_{34}$ | $D_{26}D_{34}$ |
| == | == | == | == |
| $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{26}D_{57}$ | $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{27}D_{56}$ | $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ |

E8#=80

flip=False split # ↓,

{1, 2, 5}{1, 3, 7}{1, 6, 4}{2, 3, 4}{2, 7, 6}{3, 6, 5}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{15}D_{34}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{36}$ | $D_{12}D_{36}$ |
| == | == | == | == |
| $D_{12}D_{36}D_{47}$ | $D_{36}D_{47}$ | $D_{12}D_{47}$ | $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ | $D_{37}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{25}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{13}D_{26}D_{45}$ | $D_{45}$ | $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{14}D_{27}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{35}$ | $D_{35}$ | $D_{14}D_{27}D_{35}$ | $D_{27}D_{35}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 4}{1, 7, 5}{2, 5, 3}{2, 7, 4}{3, 7, 6}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ | $D_{26}D_{34}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{13}D_{56}$ | $D_{27}D_{56}$ | $D_{13}D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{15}D_{36}$ | $D_{36}$ |

E8#=81

flip=False split # ↓,

{1, 5, 2}{1, 6, 3}{1, 4, 7}{2, 7, 3}{2, 6, 4}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ | == $D_{67}$ | == $D_{12}D_{67}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | == $D_{25}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 6, 3}{1, 4, 7}{2, 4, 3}{2, 7, 6}{3, 5, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | == $D_{25}D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |

E8#=82

flip=False split # ↓,

{1, 2, 3}{1, 5, 4}{1, 6, 7}{2, 6, 4}{2, 7, 5}{3, 4, 7}{3, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | 4 | 5 |
| $== D_{13}D_{46}D_{57}$ | $D_{13} == D_{46}D_{57}$ | $D_{46} == D_{13}D_{57}$ | $D_{13}D_{46} == D_{57}$ |
| 1 | 6 | 7 |
| $D_{12}D_{47} == D_{56}$ | $D_{47} == D_{12}D_{56}$ | $D_{12} == D_{47}D_{56}$ | $== D_{12}D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $D_{15}D_{26} == D_{37}$ | $D_{26} == D_{15}D_{37}$ | $D_{15} == D_{26}D_{37}$ | $== D_{15}D_{26}D_{37}$ |
| 2 | 5 | 7 |
| $D_{14} == D_{27}D_{36}$ | $== D_{14}D_{27}D_{36}$ | $D_{14}D_{27} == D_{36}$ | $D_{27} == D_{14}D_{36}$ |
| 3 | 4 | 7 |
| $== D_{17}D_{24}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17}D_{24} == D_{35}$ |
| 3 | 5 | 6 |
| $D_{25} == D_{16}D_{34}$ | $D_{16}D_{25} == D_{34}$ | $== D_{16}D_{25}D_{34}$ | $D_{16} == D_{25}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 5}{1, 6, 7}{2, 7, 4}{2, 6, 5}{3, 4, 6}{3, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23} == D_{45}D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ |
| 1 | 6 | 7 |
| $D_{46} == D_{12}D_{57}$ | $D_{12}D_{46} == D_{57}$ | $== D_{12}D_{46}D_{57}$ | $D_{12} == D_{46}D_{57}$ |
| 1 | 4 | 5 |
| $D_{13} == D_{47}D_{56}$ | $== D_{13}D_{47}D_{56}$ | $D_{13}D_{47} == D_{56}$ | $D_{47} == D_{13}D_{56}$ |
| 2 | 5 | 7 |
| $== D_{14}D_{26}D_{37}$ | $D_{14} == D_{26}D_{37}$ | $D_{26} == D_{14}D_{37}$ | $D_{14}D_{26} == D_{37}$ |
| 2 | 4 | 6 |
| $D_{27} == D_{15}D_{36}$ | $D_{15}D_{27} == D_{36}$ | $== D_{15}D_{27}D_{36}$ | $D_{15} == D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{16} == D_{24}D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $D_{24} == D_{16}D_{35}$ |
| 3 | 5 | 6 |
| $D_{17}D_{25} == D_{34}$ | $D_{25} == D_{17}D_{34}$ | $D_{17} == D_{25}D_{34}$ | $== D_{17}D_{25}D_{34}$ |

E8#=83

flip=False split # ↓,

{1, 3, 2}{1, 4, 6}{1, 5, 7}{2, 4, 5}{2, 7, 6}{3, 4, 7}{3, 6, 5}

| 1 | 4 | 5 |
|---|---|---|
| $D_{13}D_{45} == D_{67}$ | $D_{45} == D_{13}D_{67}$ | $D_{13} == D_{45}D_{67}$ | $== D_{13}D_{45}D_{67}$ |
| 1 | 2 | 3 |
| $D_{23} == D_{46}D_{57}$ | $== D_{23}D_{46}D_{57}$ | $D_{23}D_{46} == D_{57}$ | $D_{46} == D_{23}D_{57}$ |
| 1 | 6 | 7 |
| $D_{47} == D_{12}D_{56}$ | $D_{12}D_{47} == D_{56}$ | $== D_{12}D_{47}D_{56}$ | $D_{12} == D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $== D_{16}D_{25}D_{37}$ | $D_{16} == D_{25}D_{37}$ | $D_{25} == D_{16}D_{37}$ | $D_{16}D_{25} == D_{37}$ |
| 3 | 4 | 7 |
| $D_{17} == D_{24}D_{36}$ | $== D_{17}D_{24}D_{36}$ | $D_{17}D_{24} == D_{36}$ | $D_{24} == D_{17}D_{36}$ |
| 2 | 5 | 7 |
| $D_{14}D_{27} == D_{35}$ | $D_{27} == D_{14}D_{35}$ | $D_{14} == D_{27}D_{35}$ | $== D_{14}D_{27}D_{35}$ |
| 3 | 5 | 6 |
| $D_{26} == D_{15}D_{34}$ | $D_{15}D_{26} == D_{34}$ | $== D_{15}D_{26}D_{34}$ | $D_{15} == D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 7}{1, 5, 6}{2, 5, 4}{2, 7, 6}{3, 4, 6}{3, 7, 5}

| 1 | 4 | 5 |
|---|---|---|
| $== D_{13}D_{45}D_{67}$ | $D_{13} == D_{45}D_{67}$ | $D_{45} == D_{13}D_{67}$ | $D_{13}D_{45} == D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ | $D_{12} == D_{46}D_{57}$ | $== D_{12}D_{46}D_{57}$ |
| 1 | 2 | 3 |
| $== D_{23}D_{47}D_{56}$ | $D_{23} == D_{47}D_{56}$ | $D_{47} == D_{23}D_{56}$ | $D_{23}D_{47} == D_{56}$ |
| 3 | 4 | 7 |
| $D_{16}D_{24} == D_{37}$ | $D_{24} == D_{16}D_{37}$ | $D_{16} == D_{24}D_{37}$ | $== D_{16}D_{24}D_{37}$ |
| 2 | 4 | 6 |
| $D_{25} == D_{17}D_{36}$ | $D_{17}D_{25} == D_{36}$ | $== D_{17}D_{25}D_{36}$ | $D_{17} == D_{25}D_{36}$ |
| 2 | 5 | 7 |
| $D_{14} == D_{26}D_{35}$ | $== D_{14}D_{26}D_{35}$ | $D_{14}D_{26} == D_{35}$ | $D_{26} == D_{14}D_{35}$ |
| 3 | 5 | 6 |
| $== D_{15}D_{27}D_{34}$ | $D_{15} == D_{27}D_{34}$ | $D_{27} == D_{15}D_{34}$ | $D_{15}D_{27} == D_{34}$ |

E8#=84

flip=False split # ↓,

{1, 3, 2}{1, 7, 4}{1, 5, 6}{2, 6, 4}{2, 7, 5}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{45} == D_{12}D_{67}$ | $D_{12}D_{45} == D_{67}$ | $== D_{12}D_{45}D_{67}$ | $D_{12} == D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13} == D_{46}D_{57}$ | $== D_{13}D_{46}D_{57}$ | $D_{13}D_{46} == D_{57}$ | $D_{46} == D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47} == D_{56}$ | $D_{47} == D_{23}D_{56}$ | $D_{23} == D_{47}D_{56}$ | $== D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24} == D_{15}D_{37}$ | $D_{15}D_{24} == D_{37}$ | $== D_{15}D_{24}D_{37}$ | $D_{15} == D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $== D_{14}D_{25}D_{36}$ | $D_{14} == D_{25}D_{36}$ | $D_{25} == D_{14}D_{36}$ | $D_{14}D_{25} == D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26} == D_{35}$ | $D_{26} == D_{17}D_{35}$ | $D_{17} == D_{26}D_{35}$ | $== D_{17}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16} == D_{27}D_{34}$ | $== D_{16}D_{27}D_{34}$ | $D_{16}D_{27} == D_{34}$ | $D_{27} == D_{16}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 6, 3}{1, 5, 7}{2, 5, 3}{2, 7, 6}{3, 4, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14} == D_{35}D_{67}$ | $== D_{14}D_{35}D_{67}$ | $D_{14}D_{35} == D_{67}$ | $D_{35} == D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36} == D_{57}$ | $D_{36} == D_{24}D_{57}$ | $D_{24} == D_{36}D_{57}$ | $== D_{24}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $== D_{12}D_{37}D_{56}$ | $D_{12} == D_{37}D_{56}$ | $D_{37} == D_{12}D_{56}$ | $D_{12}D_{37} == D_{56}$ |
| | 2 | 4 | 6 |
| $== D_{16}D_{25}D_{47}$ | $D_{16} == D_{25}D_{47}$ | $D_{25} == D_{16}D_{47}$ | $D_{16}D_{25} == D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23} == D_{46}$ | $D_{23} == D_{17}D_{46}$ | $D_{17} == D_{23}D_{46}$ | $== D_{17}D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27} == D_{13}D_{45}$ | $D_{13}D_{27} == D_{45}$ | $== D_{13}D_{27}D_{45}$ | $D_{13} == D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26} == D_{15}D_{34}$ | $D_{15}D_{26} == D_{34}$ | $== D_{15}D_{26}D_{34}$ | $D_{15} == D_{26}D_{34}$ |

E8#=85

flip=False split # ↓,

{1, 4, 2}{1, 3, 6}{1, 5, 7}{2, 5, 3}{2, 6, 7}{3, 4, 7}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{26}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 7}{1, 5, 6}{2, 6, 4}{2, 5, 7}{3, 4, 5}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{46}$ == $D_{13}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ | == $D_{13}D_{46}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{25}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

E8#=86

flip=False split # ↓,

{1, 2, 3}{1, 7, 4}{1, 5, 6}{2, 5, 4}{2, 6, 7}{3, 4, 6}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ | == $D_{13}D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{46}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{26}D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 6, 4}{1, 5, 7}{2, 4, 5}{2, 6, 7}{3, 4, 7}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{17}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | == $D_{14}D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{26}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ |

E8#=87

flip=False split # ↓,

{1, 3, 2}{1, 5, 4}{1, 6, 7}{2, 7, 4}{2, 5, 6}{3, 4, 6}{3, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ | $D_{23} == D_{45}D_{67}$ | $== D_{23}D_{45}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{46}D_{57}$ | $== D_{12}D_{46}D_{57}$ | $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ |
| 1 | 4 | 5 |
| $D_{47} == D_{13}D_{56}$ | $D_{13}D_{47} == D_{56}$ | $== D_{13}D_{47}D_{56}$ | $D_{13} == D_{47}D_{56}$ |
| 2 | 5 | 7 |
| $== D_{14}D_{26}D_{37}$ | $D_{14} == D_{26}D_{37}$ | $D_{26} == D_{14}D_{37}$ | $D_{14}D_{26} == D_{37}$ |
| 2 | 4 | 6 |
| $D_{15}D_{27} == D_{36}$ | $D_{27} == D_{15}D_{36}$ | $D_{15} == D_{27}D_{36}$ | $== D_{15}D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{24} == D_{16}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16} == D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{17} == D_{25}D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $D_{25} == D_{17}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 5}{1, 6, 7}{2, 6, 4}{2, 5, 7}{3, 4, 7}{3, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ | $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ |
| 1 | 4 | 5 |
| $D_{13}D_{46} == D_{57}$ | $D_{46} == D_{13}D_{57}$ | $D_{13} == D_{46}D_{57}$ | $== D_{13}D_{46}D_{57}$ |
| 1 | 6 | 7 |
| $== D_{12}D_{47}D_{56}$ | $D_{12} == D_{47}D_{56}$ | $D_{47} == D_{12}D_{56}$ | $D_{12}D_{47} == D_{56}$ |
| 2 | 4 | 6 |
| $D_{26} == D_{15}D_{37}$ | $D_{15}D_{26} == D_{37}$ | $== D_{15}D_{26}D_{37}$ | $D_{15} == D_{26}D_{37}$ |
| 2 | 5 | 7 |
| $D_{14} == D_{27}D_{36}$ | $== D_{14}D_{27}D_{36}$ | $D_{14}D_{27} == D_{36}$ | $D_{27} == D_{14}D_{36}$ |
| 3 | 4 | 7 |
| $D_{17}D_{24} == D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $== D_{17}D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $== D_{16}D_{25}D_{34}$ | $D_{16} == D_{25}D_{34}$ | $D_{25} == D_{16}D_{34}$ | $D_{16}D_{25} == D_{34}$ |

E8#=88

flip=False split # ↓,

{1, 4, 2}{1, 6, 3}{1, 7, 5}{2, 3, 5}{2, 7, 6}{3, 4, 7}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{24}D_{36}D_{57}$ | $D_{36}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 7, 4}{1, 6, 5}{2, 4, 6}{2, 7, 5}{3, 4, 5}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | == $D_{13}D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ |

E8#=89

flip=False split # ↓,

{1, 2, 3}{1, 4, 7}{1, 6, 5}{2, 4, 5}{2, 7, 6}{3, 4, 6}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{12}D_{46}D_{57}$ | $D_{46}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ | == $D_{16}D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{17}D_{25}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 6}{1, 7, 5}{2, 5, 4}{2, 7, 6}{3, 4, 7}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}$ == $D_{45}D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

E8#=90

flip=False split # ↓,

{1, 3, 2}{1, 6, 4}{1, 7, 5}{2, 5, 4}{2, 6, 7}{3, 4, 7}{3, 6, 5}

| 1 | 4 | 5 |
|---|---|---|
| $D_{45} == D_{13}D_{67}$ | $D_{13}D_{45} == D_{67}$ | $== D_{13}D_{45}D_{67}$ | $D_{13} == D_{45}D_{67}$ |
| **1** | | **2** | **3** |
| $D_{23} == D_{23}D_{46}D_{57}$ | $D_{46} == D_{46}D_{57}$ | $D_{46} == D_{23}D_{57}$ | $D_{23}D_{46} == D_{57}$ |
| **1** | | **6** | **7** |
| $D_{47} == D_{12}D_{56}$ | $D_{12}D_{47} == D_{56}$ | $== D_{12}D_{47}D_{56}$ | $D_{12} == D_{47}D_{56}$ |
| **2** | | **4** | **6** |
| $D_{16}D_{25} == D_{37}$ | $D_{25} == D_{16}D_{37}$ | $D_{16} == D_{25}D_{37}$ | $== D_{16}D_{25}D_{37}$ |
| **3** | | **4** | **7** |
| $D_{24} == D_{17}D_{36}$ | $D_{17}D_{24} == D_{36}$ | $== D_{17}D_{24}D_{36}$ | $D_{17} == D_{24}D_{36}$ |
| **2** | | **5** | **7** |
| $D_{14} == D_{14}D_{27}D_{35}$ | $D_{27} == D_{27}D_{35}$ | $D_{14} == D_{14}D_{35}$ | $D_{14}D_{27} == D_{35}$ |
| **3** | | **5** | **6** |
| $D_{15} == D_{26}D_{34}$ | $== D_{15}D_{26}D_{34}$ | $D_{15}D_{26} == D_{34}$ | $D_{26} == D_{15}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 7, 4}{1, 6, 5}{2, 4, 5}{2, 6, 7}{3, 4, 6}{3, 7, 5}

| 1 | 4 | 5 |
|---|---|---|
| $D_{13} == D_{45}D_{67}$ | $== D_{13}D_{45}D_{67}$ | $D_{13}D_{45} == D_{67}$ | $D_{45} == D_{13}D_{67}$ |
| **1** | | **6** | **7** |
| $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ | $D_{12} == D_{46}D_{57}$ | $== D_{12}D_{46}D_{57}$ |
| **1** | | **2** | **3** |
| $D_{23} == D_{47}D_{56}$ | $== D_{23}D_{47}D_{56}$ | $D_{23}D_{47} == D_{56}$ | $D_{47} == D_{23}D_{56}$ |
| **3** | | **4** | **7** |
| $== D_{16}D_{24}D_{37}$ | $D_{16} == D_{24}D_{37}$ | $D_{24} == D_{16}D_{37}$ | $D_{16}D_{24} == D_{37}$ |
| **2** | | **4** | **6** |
| $D_{17} == D_{25}D_{36}$ | $== D_{17}D_{25}D_{36}$ | $D_{17}D_{25} == D_{36}$ | $D_{25} == D_{17}D_{36}$ |
| **2** | | **5** | **7** |
| $D_{26} == D_{14}D_{35}$ | $D_{14}D_{26} == D_{35}$ | $== D_{14}D_{26}D_{35}$ | $D_{14} == D_{26}D_{35}$ |
| **3** | | **5** | **6** |
| $D_{15}D_{27} == D_{34}$ | $D_{27} == D_{15}D_{34}$ | $D_{15} == D_{27}D_{34}$ | $== D_{15}D_{27}D_{34}$ |

E8#=91

flip=False split # ↓,

{1, 2, 4}{1, 6, 3}{1, 5, 7}{2, 5, 3}{2, 7, 6}{3, 7, 4}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{14}$ | $D_{35}$ | $D_{14}D_{35}$ |
| == | == | == | == |
| $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{24}D_{36}$ | | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{57}$ | $D_{24}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{56}$ | $D_{37}D_{56}$ | $D_{12}D_{56}$ | $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{13}D_{27}D_{45}$ | $D_{45}$ | $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{34}$ | $D_{15}D_{26}D_{34}$ | $D_{34}$ | $D_{15}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 7, 4}{1, 5, 6}{2, 6, 4}{2, 7, 5}{3, 5, 4}{3, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{45}$ | $D_{12}D_{45}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{45}D_{67}$ | $D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| | $D_{13}$ | $D_{46}$ | $D_{13}D_{46}$ |
| == | == | == | == |
| $D_{13}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ | $D_{23}D_{47}$ | | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{56}$ | $D_{23}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{37}$ | $D_{15}D_{24}D_{37}$ | $D_{37}$ | $D_{15}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ | $D_{25}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{14}D_{36}$ | $D_{25}D_{36}$ | $D_{14}D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{35}$ | $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{27}D_{34}$ |

E8#=92

flip=False split # ↓,

{1, 3, 2}{1, 4, 5}{1, 7, 6}{2, 4, 7}{2, 6, 5}{3, 4, 6}{3, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | | 6 | 7 |
| $D_{12} == D_{46}D_{57}$ | $== D_{12}D_{46}D_{57}$ | $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ |
| 1 | | 4 | 5 |
| $D_{13}D_{47} == D_{56}$ | $D_{47} == D_{13}D_{56}$ | $D_{13} == D_{47}D_{56}$ | $== D_{13}D_{47}D_{56}$ |
| 2 | | 5 | 7 |
| $D_{14}D_{26} == D_{37}$ | $D_{26} == D_{14}D_{37}$ | $D_{14} == D_{26}D_{37}$ | $== D_{14}D_{26}D_{37}$ |
| 2 | | 4 | 6 |
| $== D_{15}D_{27}D_{36}$ | $D_{15} == D_{27}D_{36}$ | $D_{27} == D_{15}D_{36}$ | $D_{15}D_{27} == D_{36}$ |
| 3 | | 4 | 7 |
| $D_{16} == D_{24}D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $D_{24} == D_{16}D_{35}$ |
| 3 | | 5 | 6 |
| $D_{25} == D_{17}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17} == D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 5, 4}{1, 7, 6}{2, 4, 6}{2, 7, 5}{3, 4, 7}{3, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23} == D_{45}D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ |
| 1 | | 4 | 5 |
| $D_{46} == D_{13}D_{57}$ | $D_{13}D_{46} == D_{57}$ | $== D_{13}D_{46}D_{57}$ | $D_{13} == D_{46}D_{57}$ |
| 1 | | 6 | 7 |
| $== D_{12}D_{47}D_{56}$ | $D_{12} == D_{47}D_{56}$ | $D_{47} == D_{12}D_{56}$ | $D_{12}D_{47} == D_{56}$ |
| 2 | | 4 | 6 |
| $D_{15} == D_{26}D_{37}$ | $== D_{15}D_{26}D_{37}$ | $D_{15}D_{26} == D_{37}$ | $D_{26} == D_{15}D_{37}$ |
| 2 | | 5 | 7 |
| $D_{27} == D_{14}D_{36}$ | $D_{14}D_{27} == D_{36}$ | $== D_{14}D_{27}D_{36}$ | $D_{14} == D_{27}D_{36}$ |
| 3 | | 4 | 7 |
| $== D_{17}D_{24}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17}D_{24} == D_{35}$ |
| 3 | | 5 | 6 |
| $D_{16}D_{25} == D_{34}$ | $D_{25} == D_{16}D_{34}$ | $D_{16} == D_{25}D_{34}$ | $== D_{16}D_{25}D_{34}$ |

E8#=93

flip=False split # ↓,

{1, 2, 3}{1, 4, 5}{1, 6, 7}{2, 7, 4}{2, 6, 5}{3, 6, 4}{3, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| == | $D_{23}$ == | $D_{45}$ == | $D_{23}D_{45}$ == |
| $D_{23}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{46}$ == | $D_{12}D_{46}$ == | == | $D_{12}$ == |
| $D_{12}D_{57}$ | $D_{57}$ | $D_{12}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| == | $D_{13}$ == | $D_{47}$ == | $D_{13}D_{47}$ == |
| $D_{13}D_{47}D_{56}$ | $D_{47}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{26}$ == | $D_{26}$ == | $D_{14}$ == | == |
| $D_{37}$ | $D_{14}D_{37}$ | $D_{26}D_{37}$ | $D_{14}D_{26}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == | == | $D_{15}D_{27}$ == | $D_{27}$ == |
| $D_{27}D_{36}$ | $D_{15}D_{27}D_{36}$ | $D_{36}$ | $D_{15}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == | $D_{16}D_{24}$ == | == | $D_{16}$ == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{24}D_{35}$ | $D_{24}D_{35}$ |
| | 3 | 5 | 6 |
| == | $D_{17}$ == | $D_{25}$ == | $D_{17}D_{25}$ == |
| $D_{17}D_{25}D_{34}$ | $D_{25}D_{34}$ | $D_{17}D_{34}$ | $D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 5, 4}{1, 6, 7}{2, 6, 4}{2, 7, 5}{3, 7, 4}{3, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{23}D_{45}$ == | $D_{45}$ == | $D_{23}$ == | == |
| $D_{67}$ | $D_{23}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == | == | $D_{13}D_{46}$ == | $D_{46}$ == |
| $D_{46}D_{57}$ | $D_{13}D_{46}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{47}$ == | $D_{47}$ == | $D_{12}$ == | == |
| $D_{56}$ | $D_{12}D_{56}$ | $D_{47}D_{56}$ | $D_{12}D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| == | $D_{15}$ == | $D_{26}$ == | $D_{15}D_{26}$ == |
| $D_{15}D_{26}D_{37}$ | $D_{26}D_{37}$ | $D_{15}D_{37}$ | $D_{37}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == | $D_{14}D_{27}$ == | == | $D_{14}$ == |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}D_{27}D_{36}$ | $D_{27}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{24}$ == | $D_{24}$ == | $D_{17}$ == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{24}D_{35}$ | $D_{17}D_{24}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == | == | $D_{16}D_{25}$ == | $D_{25}$ == |
| $D_{25}D_{34}$ | $D_{16}D_{25}D_{34}$ | $D_{34}$ | $D_{16}D_{34}$ |

E8#=94

flip=False split # ↓,

{1, 2, 4}{1, 5, 3}{1, 6, 7}{2, 3, 6}{2, 5, 7}{3, 4, 7}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{15}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{25}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 6, 4}{1, 5, 7}{2, 4, 7}{2, 5, 6}{3, 4, 5}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == $D_{47}D_{56}$ | == $D_{13}D_{47}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ |

E8#=95

flip=False split # ↓,

{1, 2, 6}{1, 3, 7}{1, 4, 5}{2, 5, 3}{2, 4, 7}{3, 6, 4}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23} == D_{14}D_{67}$ | $D_{14}D_{23} == D_{67}$ | $== D_{14}D_{23}D_{67}$ | $D_{14} == D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{34}D_{57}$ | $== D_{12}D_{34}D_{57}$ | $D_{12}D_{34} == D_{57}$ | $D_{34} == D_{12}D_{57}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{24}D_{56}$ | $D_{13} == D_{24}D_{56}$ | $D_{24} == D_{13}D_{56}$ | $D_{13}D_{24} == D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35} == D_{47}$ | $D_{35} == D_{16}D_{47}$ | $D_{16} == D_{35}D_{47}$ | $== D_{16}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25} == D_{17}D_{46}$ | $D_{17}D_{25} == D_{46}$ | $== D_{17}D_{25}D_{46}$ | $D_{17} == D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $== D_{26}D_{37}D_{45}$ | $D_{26} == D_{37}D_{45}$ | $D_{37} == D_{26}D_{45}$ | $D_{26}D_{37} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27} == D_{36}$ | $D_{27} == D_{15}D_{36}$ | $D_{15} == D_{27}D_{36}$ | $== D_{15}D_{27}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 7, 3}{1, 4, 5}{2, 4, 3}{2, 5, 7}{3, 6, 5}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23} == D_{67}$ | $D_{23} == D_{15}D_{67}$ | $D_{15} == D_{23}D_{67}$ | $== D_{15}D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34} == D_{16}D_{57}$ | $D_{16}D_{34} == D_{57}$ | $== D_{16}D_{34}D_{57}$ | $D_{16} == D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24} == D_{56}$ | $D_{24} == D_{17}D_{56}$ | $D_{17} == D_{24}D_{56}$ | $== D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $== D_{12}D_{35}D_{47}$ | $D_{12} == D_{35}D_{47}$ | $D_{35} == D_{12}D_{47}$ | $D_{12}D_{35} == D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{25}D_{46}$ | $== D_{13}D_{25}D_{46}$ | $D_{13}D_{25} == D_{46}$ | $D_{25} == D_{13}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37} == D_{45}$ | $D_{37} == D_{26}D_{45}$ | $D_{26} == D_{37}D_{45}$ | $== D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27} == D_{14}D_{36}$ | $D_{14}D_{27} == D_{36}$ | $== D_{14}D_{27}D_{36}$ | $D_{14} == D_{27}D_{36}$ |

E8#=96

flip=False split # ↓,

{1, 2, 7}{1, 4, 3}{1, 6, 5}{2, 6, 3}{2, 5, 4}{3, 5, 7}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{67}$ | $D_{13}D_{25}$ == $D_{67}$ | == $D_{13}D_{25}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{24}D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 4}{1, 6, 5}{2, 5, 3}{2, 6, 4}{3, 6, 7}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ |

E8#=97

flip=False split # ↓,

{1, 7, 2}{1, 6, 3}{1, 5, 4}{2, 4, 3}{2, 6, 5}{3, 5, 7}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{16}D_{24}D_{57}$ | $D_{24}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{34}D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35}$ == $D_{12}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ | == $D_{12}D_{35}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{14}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ | == $D_{14}D_{26}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 5, 3}{1, 6, 4}{2, 3, 4}{2, 6, 5}{3, 6, 7}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ | == $D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ |

E8#=98

flip=False split # ↓,

{1, 7, 2}{1, 5, 3}{1, 6, 4}{2, 3, 6}{2, 5, 4}{3, 4, 7}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{35}$ | $D_{27}D_{35}$ |
| == | == | == | == |
| $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 6}{1, 5, 4}{2, 5, 3}{2, 6, 4}{3, 4, 7}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{12}D_{56}$ | $D_{34}D_{56}$ | $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{35}$ | $D_{17}D_{35}$ |
| == | == | == | == |
| $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ | $D_{36}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{27}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ | $D_{26}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ |

E8#=99

flip=False split # ↓,

{1, 2, 6}{1, 3, 7}{1, 5, 4}{2, 4, 3}{2, 5, 7}{3, 6, 5}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 7, 3}{1, 5, 4}{2, 5, 3}{2, 4, 7}{3, 6, 4}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ |

E8#=100

flip=False split # ↓,

{1, 2, 7}{1, 3, 4}{1, 5, 6}{2, 3, 6}{2, 4, 5}{3, 5, 7}{4, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}$ == $D_{25}D_{67}$ | $D_{13}D_{25}$ == $D_{13}D_{67}$ | $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ | == $D_{14}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{23}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{36}D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 4, 3}{1, 5, 6}{2, 3, 5}{2, 4, 6}{3, 6, 7}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{25}$ == $D_{14}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{35}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ |

E8#=101

flip=False split # ↓,

{1, 7, 2}{1, 3, 6}{1, 4, 5}{2, 3, 4}{2, 5, 6}{3, 5, 7}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{34}$ | $D_{17}D_{34}$ |
| == | == | == | == |
| $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{47}$ | $D_{25}D_{47}$ | $D_{13}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{37}$ | $D_{14}D_{26}D_{37}$ | $D_{37}$ | $D_{14}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 5}{1, 4, 6}{2, 4, 3}{2, 5, 6}{3, 6, 7}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| == | == | == | == |
| $D_{16}D_{23}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{57}$ | $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ | $D_{34}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{17}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{35}$ | $D_{27}D_{35}$ |
| == | == | == | == |
| $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ | $D_{25}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{14}D_{37}$ | $D_{25}D_{37}$ | $D_{14}D_{25}D_{37}$ |

E8#=102

flip=False split # ↓,

{1, 7, 2}{1, 3, 5}{1, 4, 6}{2, 6, 3}{2, 4, 5}{3, 4, 7}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ | == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 6, 3}{1, 4, 5}{2, 3, 5}{2, 4, 6}{3, 4, 7}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{26}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ |

E8#=103

flip=False split # ↓,

{1, 2, 4}{1, 3, 5}{1, 6, 7}{2, 3, 7}{2, 5, 6}{3, 6, 4}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{24}$ | $D_{35}$ | $D_{24}D_{35}$ |
| == | == | == | == |
| $D_{24}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{24}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{36}D_{57}$ | $D_{12}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}$ | | $D_{14}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{56}$ | $D_{14}D_{37}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{16}D_{45}$ | $D_{23}D_{45}$ | $D_{16}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{34}$ | $D_{34}$ | $D_{17}D_{25}D_{34}$ | $D_{25}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 6}{1, 5, 7}{2, 7, 3}{2, 5, 6}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ | | $D_{24}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{24}D_{36}D_{57}$ | $D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{14}D_{37}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{47}$ | $D_{25}D_{47}$ | $D_{13}D_{47}$ | $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{34}$ | $D_{26}D_{34}$ | $D_{17}D_{34}$ | $D_{34}$ |

E8#=104

flip=False split # ↓,

{1, 4, 2}{1, 3, 7}{1, 5, 6}{2, 3, 5}{2, 6, 7}{3, 6, 4}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| | $D_{14}$ | $D_{35}$ | $D_{14}D_{35}$ |
| == | == | == | == |
| $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{57}$ | $D_{57}$ | $D_{12}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ | | $D_{24}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{56}$ | $D_{24}D_{37}D_{56}$ | $D_{56}$ | $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{46}$ | $D_{25}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{13}D_{45}$ | $D_{26}D_{45}$ | $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{34}$ | $D_{15}D_{27}D_{34}$ | $D_{34}$ | $D_{15}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 7, 3}{1, 5, 6}{2, 3, 6}{2, 5, 7}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{12}D_{67}$ | $D_{35}D_{67}$ | $D_{12}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ | | $D_{14}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{14}D_{36}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{24}D_{37}$ | | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{56}$ | $D_{56}$ | $D_{24}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{46}$ | $D_{46}$ | $D_{13}D_{25}D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ | | $D_{17}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{27}$ | $D_{16}D_{27}$ |
| == | == | == | == |
| $D_{16}D_{27}D_{34}$ | $D_{27}D_{34}$ | $D_{16}D_{34}$ | $D_{34}$ |

E8#=105

flip=False split # ↓,

{1, 5, 2}{1, 4, 3}{1, 6, 7}{2, 7, 3}{2, 4, 6}{3, 6, 5}{4, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{25}D_{34} == D_{67}$ | $D_{34} == D_{25}D_{67}$ | $D_{25} == D_{34}D_{67}$ | $== D_{25}D_{34}D_{67}$ |
| 2 | 5 | 7 |
| $D_{13} == D_{13}D_{26}D_{57}$ | $D_{26} == D_{26}D_{57}$ | $D_{26} == D_{13}D_{57}$ | $D_{13}D_{26} == D_{57}$ |
| 2 | 4 | 6 |
| $D_{14}D_{27} == D_{56}$ | $D_{27} == D_{14}D_{56}$ | $D_{14} == D_{27}D_{56}$ | $== D_{14}D_{27}D_{56}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{36}D_{47}$ | $== D_{12}D_{36}D_{47}$ | $D_{12}D_{36} == D_{47}$ | $D_{36} == D_{12}D_{47}$ |
| 1 | 4 | 5 |
| $D_{37} == D_{15}D_{46}$ | $D_{15}D_{37} == D_{46}$ | $== D_{15}D_{37}D_{46}$ | $D_{15} == D_{37}D_{46}$ |
| 3 | 4 | 7 |
| $D_{16} == D_{23}D_{45}$ | $== D_{16}D_{23}D_{45}$ | $D_{16}D_{23} == D_{45}$ | $D_{23} == D_{16}D_{45}$ |
| 3 | 5 | 6 |
| $D_{24} == D_{17}D_{35}$ | $D_{17}D_{24} == D_{35}$ | $== D_{17}D_{24}D_{35}$ | $D_{17} == D_{24}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 4}{1, 6, 7}{2, 6, 3}{2, 4, 7}{3, 7, 5}{4, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $== D_{25}D_{34}D_{67}$ | $D_{25} == D_{34}D_{67}$ | $D_{34} == D_{25}D_{67}$ | $D_{25}D_{34} == D_{67}$ |
| 2 | 4 | 6 |
| $D_{26} == D_{14}D_{57}$ | $D_{14}D_{26} == D_{57}$ | $== D_{14}D_{26}D_{57}$ | $D_{14} == D_{26}D_{57}$ |
| 2 | 5 | 7 |
| $D_{13} == D_{27}D_{56}$ | $== D_{13}D_{27}D_{56}$ | $D_{13}D_{27} == D_{56}$ | $D_{27} == D_{13}D_{56}$ |
| 1 | 4 | 5 |
| $D_{15}D_{36} == D_{47}$ | $D_{36} == D_{15}D_{47}$ | $D_{15} == D_{36}D_{47}$ | $== D_{15}D_{36}D_{47}$ |
| 1 | 6 | 7 |
| $== D_{12}D_{37}D_{46}$ | $D_{12} == D_{37}D_{46}$ | $D_{37} == D_{12}D_{46}$ | $D_{12}D_{37} == D_{46}$ |
| 3 | 4 | 7 |
| $== D_{17}D_{23}D_{45}$ | $D_{17} == D_{23}D_{45}$ | $D_{23} == D_{17}D_{45}$ | $D_{17}D_{23} == D_{45}$ |
| 3 | 5 | 6 |
| $D_{16}D_{24} == D_{35}$ | $D_{24} == D_{16}D_{35}$ | $D_{16} == D_{24}D_{35}$ | $== D_{16}D_{24}D_{35}$ |

E8#=106

flip=False split # ↓,

{1, 5, 2}{1, 3, 4}{1, 7, 6}{2, 7, 3}{2, 4, 6}{3, 5, 6}{4, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{34} == D_{25}D_{67}$ | $D_{25}D_{34} == D_{67}$ | $== D_{25}D_{34}D_{67}$ | $D_{25} == D_{34}D_{67}$ |
| 2 | 5 | 7 |
| $D_{26} == D_{13}D_{57}$ | $D_{13}D_{26} == D_{57}$ | $== D_{13}D_{26}D_{57}$ | $D_{13} == D_{26}D_{57}$ |
| 2 | 4 | 6 |
| $D_{14} == D_{27}D_{56}$ | $== D_{14}D_{27}D_{56}$ | $D_{14}D_{27} == D_{56}$ | $D_{27} == D_{14}D_{56}$ |
| 1 | 6 | 7 |
| $== D_{12}D_{36}D_{47}$ | $D_{12} == D_{36}D_{47}$ | $D_{36} == D_{12}D_{47}$ | $D_{12}D_{36} == D_{47}$ |
| 1 | 4 | 5 |
| $D_{37} == D_{15}D_{46}$ | $D_{15}D_{37} == D_{46}$ | $== D_{15}D_{37}D_{46}$ | $D_{15} == D_{37}D_{46}$ |
| 3 | 4 | 7 |
| $D_{16}D_{23} == D_{45}$ | $D_{23} == D_{16}D_{45}$ | $D_{16} == D_{23}D_{45}$ | $== D_{16}D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $== D_{17}D_{24}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17}D_{24} == D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 4, 3}{1, 7, 6}{2, 6, 3}{2, 4, 7}{3, 5, 7}{4, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{25} == D_{34}D_{67}$ | $== D_{25}D_{34}D_{67}$ | $D_{25}D_{34} == D_{67}$ | $D_{34} == D_{25}D_{67}$ |
| 2 | 4 | 6 |
| $== D_{14}D_{26}D_{57}$ | $D_{14} == D_{26}D_{57}$ | $D_{26} == D_{14}D_{57}$ | $D_{14}D_{26} == D_{57}$ |
| 2 | 5 | 7 |
| $D_{13}D_{27} == D_{56}$ | $D_{27} == D_{13}D_{56}$ | $D_{13} == D_{27}D_{56}$ | $== D_{13}D_{27}D_{56}$ |
| 1 | 4 | 5 |
| $D_{15}D_{36} == D_{47}$ | $D_{36} == D_{15}D_{47}$ | $D_{15} == D_{36}D_{47}$ | $== D_{15}D_{36}D_{47}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{37}D_{46}$ | $== D_{12}D_{37}D_{46}$ | $D_{12}D_{37} == D_{46}$ | $D_{37} == D_{12}D_{46}$ |
| 3 | 4 | 7 |
| $D_{23} == D_{17}D_{45}$ | $D_{17}D_{23} == D_{45}$ | $== D_{17}D_{23}D_{45}$ | $D_{17} == D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $D_{16} == D_{24}D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $D_{24} == D_{16}D_{35}$ |

E8#=107

flip=False split # ↓,

{1, 4, 2}{1, 7, 3}{1, 6, 5}{2, 3, 5}{2, 6, 7}{3, 4, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{14}$ | $D_{35}$ | $D_{14}D_{35}$ |
| == | == | == | == |
| $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{36}D_{57}$ | $D_{12}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{24}$ | $D_{37}$ | $D_{24}D_{37}$ |
| == | == | == | == |
| $D_{24}D_{37}D_{56}$ | $D_{37}D_{56}$ | $D_{24}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{25}D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{13}D_{26}D_{45}$ | $D_{45}$ | $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ | $D_{27}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{15}D_{34}$ | $D_{27}D_{34}$ | $D_{15}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 7}{1, 6, 5}{2, 3, 6}{2, 5, 7}{3, 4, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ | | $D_{14}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{14}D_{36}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ | $D_{37}$ | $D_{24}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{24}D_{56}$ | $D_{37}D_{56}$ | $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{46}$ | $D_{25}D_{46}$ | $D_{13}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{27}D_{34}$ |

E8#=108

flip=False split # ↓,

{1, 2, 4}{1, 5, 3}{1, 7, 6}{2, 3, 7}{2, 5, 6}{3, 4, 6}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ | == $D_{67}$ | == $D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ | == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{15}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{25}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 6, 3}{1, 7, 5}{2, 7, 3}{2, 5, 6}{3, 4, 5}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{36}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ | == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ | == $D_{15}D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ |

E8#=109

flip=False split # ↓,

{1, 6, 2}{1, 7, 3}{1, 5, 4}{2, 4, 3}{2, 7, 5}{3, 5, 6}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ == $D_{12}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{14}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ | == $D_{14}D_{27}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 7}{1, 5, 4}{2, 5, 3}{2, 7, 4}{3, 4, 6}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ | == $D_{15}D_{27}D_{36}$ |

E8#=110

flip=False split # ↓,

{1, 7, 2}{1, 4, 3}{1, 5, 6}{2, 3, 6}{2, 5, 4}{3, 7, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ | $D_{34}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{27}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{12}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{24}D_{37}$ | $D_{16}D_{24}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 4}{1, 5, 6}{2, 3, 5}{2, 6, 4}{3, 7, 6}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{13}D_{57}$ | $D_{26}D_{57}$ | $D_{13}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{34}$ | $D_{27}D_{34}$ |
| == | == | == | == |
| $D_{27}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{17}D_{35}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{37}$ | $D_{37}$ | $D_{15}D_{24}D_{37}$ | $D_{24}D_{37}$ |

E8#=111

flip=False split # ↓,

{1, 2, 7}{1, 6, 3}{1, 4, 5}{2, 3, 4}{2, 6, 5}{3, 7, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{17}D_{34}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ | $D_{25}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{13}D_{47}$ | $D_{25}D_{47}$ | $D_{13}D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{27}D_{36}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{26}$ | $D_{14}D_{26}$ |
| == | == | == | == |
| $D_{14}D_{26}D_{37}$ | $D_{26}D_{37}$ | $D_{14}D_{37}$ | $D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 5, 3}{1, 4, 6}{2, 4, 3}{2, 6, 5}{3, 7, 6}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{15}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| == | == | == | == |
| $D_{16}D_{23}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{57}$ | $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{47}$ | $D_{13}D_{26}D_{47}$ | $D_{47}$ | $D_{13}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ | $D_{35}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{27}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{36}$ | $D_{12}D_{36}$ |
| == | == | == | == |
| $D_{12}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{25}D_{37}$ | $D_{25}D_{37}$ |

E8#=112

flip=False split # ↓,

{1, 2, 7}{1, 5, 3}{1, 4, 6}{2, 6, 3}{2, 5, 4}{3, 7, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{12}D_{34}D_{56}$ | $D_{56}$ | $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ | $D_{26}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{15}D_{47}$ | $D_{26}D_{47}$ | $D_{15}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{27}D_{35}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{36}$ | $D_{17}D_{36}$ |
| == | == | == | == |
| $D_{17}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ | $D_{37}$ | $D_{16}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 6}{1, 4, 5}{2, 3, 5}{2, 6, 4}{3, 7, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{14}D_{67}$ | $D_{23}D_{67}$ | $D_{14}D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{12}D_{56}$ | $D_{56}$ |
| | 2 | 4 | 6 |
| | $D_{16}$ | $D_{25}$ | $D_{16}D_{25}$ |
| == | == | == | == |
| $D_{16}D_{25}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{47}$ | $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ | $D_{35}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{17}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ | $D_{37}$ | $D_{15}D_{37}$ |

E8#=113

flip=False split # ↓,

{1, 4, 2}{1, 5, 3}{1, 6, 7}{2, 3, 7}{2, 6, 5}{3, 4, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{15}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | == $D_{17}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 6, 3}{1, 5, 7}{2, 7, 3}{2, 6, 5}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{37}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ |

E8#=114

flip=False split # ↓,

{1, 2, 4}{1, 7, 3}{1, 5, 6}{2, 3, 5}{2, 7, 6}{3, 4, 6}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{57}$ | == $D_{12}D_{36}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 7}{1, 5, 6}{2, 3, 6}{2, 7, 5}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| == $D_{12}D_{35}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{23}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ |

E8#=115

flip=False split # ↓,

{1, 2, 5}{1, 3, 4}{1, 6, 7}{2, 7, 3}{2, 6, 4}{3, 5, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| == | $D_{25}$ | $D_{34}$ | $D_{25}D_{34}$ |
| $D_{25}D_{34}D_{67}$ | == $D_{34}D_{67}$ | == $D_{25}D_{67}$ | == $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{13}D_{57}$ | $D_{26}D_{57}$ | $D_{13}D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{37}$ | $D_{15}D_{37}$ |
| == | == | == | == |
| $D_{15}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{45}$ | $D_{16}D_{23}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24}$ | $D_{24}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{24}D_{35}$ | $D_{17}D_{24}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 4, 3}{1, 6, 7}{2, 6, 3}{2, 7, 4}{3, 5, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}D_{34}$ | $D_{34}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{25}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{26}$ | $D_{14}D_{26}$ |
| == | == | == | == |
| $D_{14}D_{26}D_{57}$ | $D_{26}D_{57}$ | $D_{14}D_{57}$ | $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27}$ | $D_{13}D_{27}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{27}D_{56}$ | $D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{47}$ | $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ | $D_{37}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{12}D_{46}$ | $D_{37}D_{46}$ | $D_{12}D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{45}$ | $D_{23}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{24}D_{35}$ | $D_{24}D_{35}$ |

E8#=116

flip=False split # ↓,

{1, 2, 5}{1, 4, 3}{1, 7, 6}{2, 7, 3}{2, 6, 4}{3, 6, 5}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}$ == $D_{34}D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 4}{1, 7, 6}{2, 6, 3}{2, 7, 4}{3, 7, 5}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{36}D_{47}$ | == $D_{15}D_{36}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{24}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ |

E8#=117

flip=False split # ↓,

{1, 2, 4}{1, 3, 7}{1, 6, 5}{2, 3, 5}{2, 7, 6}{3, 6, 4}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | == $D_{14}D_{35}D_{67}$ | == $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | == $D_{16}D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 7, 3}{1, 6, 5}{2, 3, 6}{2, 7, 5}{3, 5, 4}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

E8#=118

flip=False split # ↓,

{1, 4, 2}{1, 3, 5}{1, 7, 6}{2, 3, 7}{2, 6, 5}{3, 6, 4}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35} == D_{24}D_{67}$ | $D_{24}D_{35} == D_{67}$ | $== D_{24}D_{35}D_{67}$ | $D_{24} == D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{36}D_{57}$ | $== D_{12}D_{36}D_{57}$ | $D_{12}D_{36} == D_{57}$ | $D_{36} == D_{12}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{37} == D_{56}$ | $D_{37} == D_{14}D_{56}$ | $D_{14} == D_{37}D_{56}$ | $== D_{14}D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26} == D_{47}$ | $D_{26} == D_{13}D_{47}$ | $D_{13} == D_{26}D_{47}$ | $== D_{13}D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{15} == D_{27}D_{46}$ | $D_{27} == D_{15}D_{46}$ | $D_{15}D_{27} == D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16} == D_{23}D_{45}$ | $== D_{16}D_{23}D_{45}$ | $D_{16}D_{23} == D_{45}$ | $D_{23} == D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17} == D_{25}D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $D_{25} == D_{17}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 6}{1, 7, 5}{2, 7, 3}{2, 6, 5}{3, 5, 4}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| | $D_{12} == D_{12}D_{35}D_{67}$ | $D_{35} == D_{12}D_{67}$ | $D_{12}D_{35} == D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36} == D_{57}$ | $D_{36} == D_{24}D_{57}$ | $D_{24} == D_{36}D_{57}$ | $== D_{24}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{14} == D_{14}D_{37}D_{56}$ | $D_{37} == D_{37}D_{56}$ | $D_{14}D_{37} == D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{25}D_{47}$ | $== D_{13}D_{25}D_{47}$ | $D_{13}D_{25} == D_{47}$ | $D_{25} == D_{13}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23} == D_{46}$ | $D_{23} == D_{15}D_{46}$ | $D_{15} == D_{23}D_{46}$ | $== D_{15}D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27} == D_{16}D_{45}$ | $D_{16}D_{27} == D_{45}$ | $== D_{16}D_{27}D_{45}$ | $D_{16} == D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26} == D_{34}$ | $D_{26} == D_{17}D_{34}$ | $D_{17} == D_{26}D_{34}$ | $== D_{17}D_{26}D_{34}$ |

E8#=119

flip=False split # ↓,

{1, 4, 2}{1, 3, 6}{1, 7, 5}{2, 7, 3}{2, 6, 5}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{24}D_{36}$ | | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{57}$ | $D_{24}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}$ | | $D_{14}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{56}$ | $D_{14}D_{37}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}D_{25}D_{47}$ | $D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{34}$ | $D_{26}D_{34}$ | $D_{17}D_{34}$ | $D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 5}{1, 7, 6}{2, 3, 7}{2, 6, 5}{3, 4, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}D_{35}$ | $D_{35}$ | $D_{24}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{24}D_{67}$ | $D_{35}D_{67}$ | $D_{24}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{12}D_{36}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{14}D_{37}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{26}$ | $D_{13}D_{26}$ |
| == | == | == | == |
| $D_{13}D_{26}D_{47}$ | $D_{26}D_{47}$ | $D_{13}D_{47}$ | $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ | $D_{27}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{16}D_{23}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{23}D_{45}$ | $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{34}$ | $D_{34}$ | $D_{17}D_{25}D_{34}$ | $D_{25}D_{34}$ |

E8#=120

flip=False split # ↓,

{1, 2, 4}{1, 7, 3}{1, 6, 5}{2, 3, 6}{2, 7, 5}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{12}D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{14}D_{36}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{37}D_{56}$ | $D_{24}D_{37}$ == $D_{24}D_{37}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{47}$ | $D_{15}D_{23}$ == $D_{15}D_{23}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}D_{46}$ == | $D_{13}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | $D_{17}D_{26}D_{45}$ == | $D_{17}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}D_{34}$ == | $D_{16}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 7}{1, 6, 5}{2, 3, 5}{2, 7, 6}{3, 4, 6}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ |

E8#=121

flip=False split # ↓,

{1, 2, 5}{1, 3, 4}{1, 7, 6}{2, 6, 3}{2, 7, 4}{3, 5, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ | == $D_{25}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{26}D_{57}$ | == $D_{14}D_{26}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{36}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ | == $D_{16}D_{24}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 4, 3}{1, 7, 6}{2, 7, 3}{2, 6, 4}{3, 5, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ | == $D_{13}D_{26}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{27}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{17}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}$ == $D_{24}D_{35}$ |

E8#=122

flip=False split # ↓,

{1, 2, 5}{1, 4, 3}{1, 6, 7}{2, 6, 3}{2, 7, 4}{3, 7, 5}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{34} == D_{25}D_{67}$ | $D_{25}D_{34} == D_{67}$ | $== D_{25}D_{34}D_{67}$ | $D_{25} == D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{26} == D_{57}$ | $D_{26} == D_{14}D_{57}$ | $D_{14} == D_{26}D_{57}$ | $== D_{14}D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{27}D_{56}$ | $== D_{13}D_{27}D_{56}$ | $D_{13}D_{27} == D_{56}$ | $D_{27} == D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| | $D_{15} == D_{15}D_{36}D_{47}$ | $D_{36} == D_{36}D_{47}$ | $D_{15}D_{36} == D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37} == D_{46}$ | $D_{37} == D_{12}D_{46}$ | $D_{12} == D_{37}D_{46}$ | $== D_{12}D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23} == D_{45}$ | $D_{23} == D_{17}D_{45}$ | $D_{17} == D_{23}D_{45}$ | $== D_{17}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16} == D_{24}D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $D_{24} == D_{16}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 4}{1, 6, 7}{2, 7, 3}{2, 6, 4}{3, 6, 5}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25} == D_{34}D_{67}$ | $== D_{25}D_{34}D_{67}$ | $D_{25}D_{34} == D_{67}$ | $D_{34} == D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{13}D_{26}D_{57}$ | $D_{26} == D_{26}D_{57}$ | $D_{26} == D_{13}D_{57}$ | $D_{13}D_{26} == D_{57}$ |
| | 2 | 4 | 6 |
| $D_{27} == D_{14}D_{56}$ | $D_{14}D_{27} == D_{56}$ | $== D_{14}D_{27}D_{56}$ | $D_{14} == D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36} == D_{12}D_{47}$ | $D_{12}D_{36} == D_{47}$ | $== D_{12}D_{36}D_{47}$ | $D_{12} == D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15} == D_{37}D_{46}$ | $== D_{15}D_{37}D_{46}$ | $D_{15}D_{37} == D_{46}$ | $D_{37} == D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{16}D_{45}$ | $D_{16}D_{23} == D_{45}$ | $== D_{16}D_{23}D_{45}$ | $D_{16} == D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{17}D_{24}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17}D_{24} == D_{35}$ |

E8#=123

flip=False split # ↓,

{1, 2, 4}{1, 3, 7}{1, 5, 6}{2, 3, 6}{2, 7, 5}{3, 5, 4}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{14}D_{36}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{24}$ | $D_{37}$ | $D_{24}D_{37}$ |
| == | == | == | == |
| $D_{24}D_{37}D_{56}$ | $D_{37}D_{56}$ | $D_{24}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ | $D_{23}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{15}D_{47}$ | $D_{23}D_{47}$ | $D_{15}D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{46}$ | $D_{46}$ | $D_{13}D_{25}D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 7, 3}{1, 5, 6}{2, 3, 5}{2, 7, 6}{3, 6, 4}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{14}D_{35}$ | $D_{35}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{14}D_{67}$ | $D_{35}D_{67}$ | $D_{14}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{12}D_{36}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ | $D_{37}$ | $D_{24}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{24}D_{56}$ | $D_{37}D_{56}$ | $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{16}D_{23}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{47}$ | $D_{47}$ | $D_{16}D_{23}D_{47}$ | $D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ | | $D_{17}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{46}$ | $D_{17}D_{25}D_{46}$ | $D_{46}$ | $D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{13}D_{45}$ | $D_{26}D_{45}$ | $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ | $D_{27}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{15}D_{34}$ | $D_{27}D_{34}$ | $D_{15}D_{27}D_{34}$ |

E8#=124

flip=False split # ↓,

{1, 4, 2}{1, 6, 3}{1, 5, 7}{2, 7, 3}{2, 6, 5}{3, 5, 4}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 5, 3}{1, 6, 7}{2, 3, 7}{2, 6, 5}{3, 6, 4}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{25}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ |

E8#=125

flip=False split # ↓,

{1, 2, 7}{1, 3, 6}{1, 4, 5}{2, 3, 5}{2, 6, 4}{3, 4, 7}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{12}D_{56}$ | $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{17}D_{35}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{36}$ | $D_{27}D_{36}$ |
| == | == | == | == |
| $D_{27}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{37}$ | $D_{37}$ | $D_{15}D_{26}D_{37}$ | $D_{26}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 5, 3}{1, 4, 6}{2, 6, 3}{2, 5, 4}{3, 4, 7}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24}$ | $D_{24}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{12}D_{34}D_{56}$ | $D_{56}$ | $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{26}$ | $D_{15}D_{26}$ |
| == | == | == | == |
| $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ | $D_{35}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{27}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{16}D_{25}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{37}$ | $D_{37}$ | $D_{16}D_{25}D_{37}$ | $D_{25}D_{37}$ |

E8#=126

flip=False split # ↓,

{1, 2, 7}{1, 5, 3}{1, 4, 6}{2, 4, 3}{2, 6, 5}{3, 6, 7}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{34}$ | $D_{17}D_{34}$ |
| == | == | == | == |
| $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{27}D_{35}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{36}$ | $D_{12}D_{36}$ |
| == | == | == | == |
| $D_{12}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{37}$ | $D_{14}D_{25}D_{37}$ | $D_{37}$ | $D_{14}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 6, 3}{1, 4, 5}{2, 3, 4}{2, 6, 5}{3, 5, 7}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ | $D_{34}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{17}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{47}$ | $D_{25}D_{47}$ | $D_{13}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ | $D_{36}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{27}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{14}D_{37}$ | $D_{26}D_{37}$ | $D_{14}D_{26}D_{37}$ |

E8#=127

flip=False split # ↓,

{1, 7, 2}{1, 3, 4}{1, 5, 6}{2, 3, 5}{2, 6, 4}{3, 6, 7}{4, 5, 7}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{13}D_{26}D_{57}$ | $D_{26}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 4, 3}{1, 5, 6}{2, 3, 6}{2, 5, 4}{3, 5, 7}{4, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ | $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ |

E8#=128

flip=False split # ↓,

{1, 6, 2}{1, 3, 7}{1, 5, 4}{2, 5, 3}{2, 7, 4}{3, 6, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| == | $D_{14}$ == | $D_{23}$ == | $D_{14}D_{23}$ == |
| $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == | $D_{34}$ == | $D_{12}$ == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == | == | $D_{13}D_{24}$ == | $D_{24}$ == |
| $D_{24}D_{56}$ | $D_{13}D_{24}D_{56}$ | $D_{56}$ | $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == | == | $D_{16}D_{35}$ == | $D_{35}$ == |
| $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == | $D_{17}D_{25}$ == | == | $D_{17}$ == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{25}D_{46}$ | $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == | $D_{26}D_{37}$ == | == | $D_{26}$ == |
| $D_{26}D_{45}$ | $D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| == | $D_{15}$ == | $D_{27}$ == | $D_{15}D_{27}$ == |
| $D_{15}D_{27}D_{36}$ | $D_{27}D_{36}$ | $D_{15}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 7, 3}{1, 5, 4}{2, 4, 3}{2, 7, 5}{3, 6, 5}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}$ == | == | $D_{15}D_{23}$ == | $D_{23}$ == |
| $D_{23}D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| == | $D_{16}$ == | $D_{34}$ == | $D_{16}D_{34}$ == |
| $D_{16}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{16}D_{57}$ | $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == | $D_{24}$ == | $D_{17}$ == | == |
| $D_{56}$ | $D_{17}D_{56}$ | $D_{24}D_{56}$ | $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ == | $D_{12}D_{35}$ == | == | $D_{12}$ == |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| == | $D_{13}$ == | $D_{25}$ == | $D_{13}D_{25}$ == |
| $D_{13}D_{25}D_{46}$ | $D_{25}D_{46}$ | $D_{13}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == | == | $D_{26}D_{37}$ == | $D_{37}$ == |
| $D_{37}D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == | == | $D_{14}D_{27}$ == | $D_{27}$ == |
| $D_{27}D_{36}$ | $D_{14}D_{27}D_{36}$ | $D_{36}$ | $D_{14}D_{36}$ |

E8#=129

flip=False split # ↓,

{1, 6, 2}{1, 3, 7}{1, 4, 5}{2, 3, 4}{2, 5, 7}{3, 5, 6}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{16}D_{34}D_{57}$ | $D_{34}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ == $D_{12}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{13}D_{25}D_{46}$ | == $D_{25}D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 7, 3}{1, 4, 5}{2, 3, 5}{2, 4, 7}{3, 4, 6}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| == $D_{14}D_{23}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ | == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ |

E8#=130

flip=False split # ↓,

{1, 7, 2}{1, 3, 4}{1, 6, 5}{2, 6, 3}{2, 4, 5}{3, 7, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ | == $D_{67}$ | == $D_{13}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 4, 3}{1, 6, 5}{2, 5, 3}{2, 4, 6}{3, 7, 6}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ |

E8#=131

flip=False split # ↓,

{1, 2, 7}{1, 3, 6}{1, 5, 4}{2, 4, 3}{2, 5, 6}{3, 7, 5}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ | == $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ | == $D_{14}D_{26}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 5}{1, 6, 4}{2, 3, 4}{2, 5, 6}{3, 7, 6}{4, 7, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ | == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ |

E8#=132

flip=False split # ↓,

{1, 2, 7}{1, 3, 5}{1, 6, 4}{2, 3, 6}{2, 4, 5}{3, 7, 4}{5, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{23}D_{57}$ | == $D_{14}D_{23}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{15}D_{26}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{36}D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 6, 3}{1, 5, 4}{2, 5, 3}{2, 4, 6}{3, 7, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| == $D_{14}D_{23}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | == $D_{16}D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{17}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ | == $D_{15}D_{26}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ |

E8#=133

flip=False split # ↓,

{1, 4, 2}{1, 3, 5}{1, 7, 6}{2, 7, 3}{2, 5, 6}{3, 4, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{25}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 6}{1, 7, 5}{2, 3, 7}{2, 5, 6}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ |

E8#=134

flip=False split # ↓,

{1, 2, 4}{1, 3, 7}{1, 6, 5}{2, 5, 3}{2, 6, 7}{3, 4, 6}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}D_{35} == D_{67}$ | $D_{35} == D_{14}D_{67}$ | $D_{14} == D_{35}D_{67}$ | $== D_{14}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{36}D_{57}$ | $== D_{12}D_{36}D_{57}$ | $D_{12}D_{36} == D_{57}$ | $D_{36} == D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37} == D_{56}$ | $D_{37} == D_{24}D_{56}$ | $D_{24} == D_{37}D_{56}$ | $== D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{16}D_{47}$ | $D_{16}D_{23} == D_{47}$ | $== D_{16}D_{23}D_{47}$ | $D_{16} == D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17} == D_{25}D_{46}$ | $== D_{17}D_{25}D_{46}$ | $D_{17}D_{25} == D_{46}$ | $D_{25} == D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26} == D_{45}$ | $D_{26} == D_{13}D_{45}$ | $D_{13} == D_{26}D_{45}$ | $== D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27} == D_{34}$ | $D_{27} == D_{15}D_{34}$ | $D_{15} == D_{27}D_{34}$ | $== D_{15}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 7, 3}{1, 6, 5}{2, 6, 3}{2, 5, 7}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| | $D_{12} == D_{12}D_{35}D_{67}$ | $D_{35} == D_{35}D_{67}$ | $D_{12}D_{35} == D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36} == D_{14}D_{57}$ | $D_{14}D_{36} == D_{57}$ | $== D_{14}D_{36}D_{57}$ | $D_{14} == D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{24} == D_{24}D_{37}D_{56}$ | $D_{37} == D_{37}D_{56}$ | $D_{24}D_{37} == D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23} == D_{47}$ | $D_{23} == D_{15}D_{47}$ | $D_{15} == D_{23}D_{47}$ | $== D_{15}D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25} == D_{13}D_{46}$ | $D_{13}D_{25} == D_{46}$ | $== D_{13}D_{25}D_{46}$ | $D_{13} == D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| | $D_{17} == D_{17}D_{26}D_{45}$ | $D_{26} == D_{26}D_{45}$ | $D_{17}D_{26} == D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27} == D_{16}D_{34}$ | $D_{16}D_{27} == D_{34}$ | $== D_{16}D_{27}D_{34}$ | $D_{16} == D_{27}D_{34}$ |

E8#=135

flip=False split # ↓,

{1, 2, 5}{1, 4, 3}{1, 7, 6}{2, 3, 7}{2, 4, 6}{3, 5, 6}{4, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{25} == D_{34}D_{67}$ | $D_{25}D_{34} == D_{25}D_{34}D_{67}$ | $D_{34} == D_{25}D_{67}$ |
| **2** | **5** | **7** |
| $D_{13} == D_{13}D_{26}D_{57}$ | $D_{26} == D_{26}D_{57}$ | $D_{13}D_{26} == D_{13}D_{57}$ |
| **2** | **4** | **6** |
| $D_{27} == D_{14}D_{56}$ | $D_{14}D_{27} == D_{56}$ | $D_{14} == D_{14}D_{27}D_{56}$ |
| **1** | **6** | **7** |
| $D_{36} == D_{12}D_{47}$ | $D_{12}D_{36} == D_{47}$ | $D_{12} == D_{12}D_{36}D_{47}$ |
| **1** | **4** | **5** |
| $D_{15} == D_{37}D_{46}$ | $D_{15}D_{37} == D_{15}D_{37}D_{46}$ | $D_{37} == D_{46}$ |
| **3** | **4** | **7** |
| $D_{23} == D_{16}D_{45}$ | $D_{16}D_{23} == D_{45}$ | $D_{16} == D_{16}D_{23}D_{45}$ |
| **3** | **5** | **6** |
| $D_{17} == D_{17}D_{24}D_{35}$ | $D_{24} == D_{24}D_{35}$ | $D_{17}D_{24} == D_{17}D_{35}$ |
| | | $D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 4}{1, 7, 6}{2, 3, 6}{2, 4, 7}{3, 5, 7}{4, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{34} == D_{25}D_{67}$ | $D_{25}D_{34} == D_{67}$ | $D_{25} == D_{25}D_{34}D_{67}$ |
| | | $D_{34}D_{67}$ |
| **2** | **4** | **6** |
| $D_{14}D_{26} == D_{57}$ | $D_{26} == D_{14}D_{57}$ | $D_{14} == D_{26}D_{57}$ |
| | | $D_{14}D_{26}D_{57}$ |
| **2** | **5** | **7** |
| $D_{13} == D_{27}D_{56}$ | $D_{13}D_{27} == D_{13}D_{27}D_{56}$ | $D_{13}D_{27} == D_{56}$ |
| | | $D_{27} == D_{13}D_{56}$ |
| **1** | **4** | **5** |
| $D_{15} == D_{15}D_{36}D_{47}$ | $D_{15}D_{36} == D_{36}D_{47}$ | $D_{36} == D_{15}D_{47}$ |
| | | $D_{15}D_{36} == D_{47}$ |
| **1** | **6** | **7** |
| $D_{12}D_{37} == D_{46}$ | $D_{37} == D_{12}D_{46}$ | $D_{12} == D_{37}D_{46}$ |
| | | $D_{12}D_{37} == D_{12}D_{37}D_{46}$ |
| **3** | **4** | **7** |
| $D_{17}D_{23} == D_{45}$ | $D_{23} == D_{17}D_{45}$ | $D_{17} == D_{23}D_{45}$ |
| | | $D_{17}D_{23} == D_{17}D_{23}D_{45}$ |
| **3** | **5** | **6** |
| $D_{16} == D_{24}D_{35}$ | $D_{16}D_{24} == D_{16}D_{24}D_{35}$ | $D_{16}D_{24} == D_{35}$ |
| | | $D_{24} == D_{16}D_{35}$ |

E8#=136

flip=False split # ↓,

{1, 2, 5}{1, 3, 4}{1, 6, 7}{2, 3, 7}{2, 4, 6}{3, 6, 5}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{25}$ | $D_{34}$ | $D_{25}D_{34}$ |
| == | == | == | == |
| $D_{25}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{26}D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{36}D_{47}$ | $D_{12}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{15}D_{37}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| == | == | == | == |
| $D_{16}D_{23}D_{45}$ | $D_{23}D_{45}$ | $D_{16}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{35}$ | $D_{35}$ | $D_{17}D_{24}D_{35}$ | $D_{24}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 4, 3}{1, 6, 7}{2, 3, 6}{2, 4, 7}{3, 7, 5}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}D_{34}$ | $D_{34}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{25}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{13}D_{56}$ | $D_{27}D_{56}$ | $D_{13}D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{36}$ | $D_{15}D_{36}$ |
| == | == | == | == |
| $D_{15}D_{36}D_{47}$ | $D_{36}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}D_{37}D_{46}$ | $D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{45}$ | $D_{17}D_{23}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{16}D_{35}$ | $D_{24}D_{35}$ | $D_{16}D_{24}D_{35}$ |

E8#=137

flip=False split # ↓,

{1, 2, 4}{1, 7, 3}{1, 5, 6}{2, 5, 3}{2, 6, 7}{3, 6, 4}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}D_{35} == D_{67}$ | $D_{35} == D_{14}D_{67}$ | $D_{14} == D_{35}D_{67}$ | $== D_{14}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $== D_{12}D_{36}D_{57}$ | $D_{12} == D_{36}D_{57}$ | $D_{36} == D_{12}D_{57}$ | $D_{12}D_{36} == D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37} == D_{24}D_{56}$ | $D_{24}D_{37} == D_{56}$ | $== D_{24}D_{37}D_{56}$ | $D_{24} == D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $== D_{16}D_{23}D_{47}$ | $D_{16} == D_{23}D_{47}$ | $D_{23} == D_{16}D_{47}$ | $D_{16}D_{23} == D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25} == D_{46}$ | $D_{25} == D_{17}D_{46}$ | $D_{17} == D_{25}D_{46}$ | $== D_{17}D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{26}D_{45}$ | $== D_{13}D_{26}D_{45}$ | $D_{13}D_{26} == D_{45}$ | $D_{26} == D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15} == D_{27}D_{34}$ | $== D_{15}D_{27}D_{34}$ | $D_{15}D_{27} == D_{34}$ | $D_{27} == D_{15}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 7}{1, 5, 6}{2, 6, 3}{2, 5, 7}{3, 5, 4}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12} == D_{35}D_{67}$ | $== D_{12}D_{35}D_{67}$ | $D_{12}D_{35} == D_{67}$ | $D_{35} == D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36} == D_{14}D_{57}$ | $D_{14}D_{36} == D_{57}$ | $== D_{14}D_{36}D_{57}$ | $D_{14} == D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24} == D_{37}D_{56}$ | $== D_{24}D_{37}D_{56}$ | $D_{24}D_{37} == D_{56}$ | $D_{37} == D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15} == D_{23}D_{47}$ | $== D_{15}D_{23}D_{47}$ | $D_{15}D_{23} == D_{47}$ | $D_{23} == D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{25}D_{46}$ | $D_{13} == D_{25}D_{46}$ | $D_{25} == D_{13}D_{46}$ | $D_{13}D_{25} == D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26} == D_{17}D_{45}$ | $D_{17}D_{26} == D_{45}$ | $== D_{17}D_{26}D_{45}$ | $D_{17} == D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{16}D_{27}D_{34}$ | $D_{16} == D_{27}D_{34}$ | $D_{27} == D_{16}D_{34}$ | $D_{16}D_{27} == D_{34}$ |

E8#=138

flip=False split # ↓,

{1, 4, 2}{1, 5, 3}{1, 6, 7}{2, 7, 3}{2, 5, 6}{3, 6, 4}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}D_{35} == D_{67}$ | $D_{35} == D_{24}D_{67}$ | $D_{24} == D_{35}D_{67}$ | $== D_{24}D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{36}D_{57}$ | $== D_{12}D_{36}D_{57}$ | $D_{12}D_{36} == D_{57}$ | $D_{36} == D_{12}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37} == D_{14}D_{56}$ | $D_{14}D_{37} == D_{56}$ | $== D_{14}D_{37}D_{56}$ | $D_{14} == D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{26}D_{47}$ | $D_{13} == D_{26}D_{47}$ | $D_{26} == D_{13}D_{47}$ | $D_{13}D_{26} == D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27} == D_{46}$ | $D_{27} == D_{15}D_{46}$ | $D_{15} == D_{27}D_{46}$ | $== D_{15}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{16}D_{45}$ | $D_{16}D_{23} == D_{45}$ | $== D_{16}D_{23}D_{45}$ | $D_{16} == D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25} == D_{17}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17} == D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 6, 3}{1, 5, 7}{2, 3, 7}{2, 5, 6}{3, 5, 4}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| | $D_{12} == D_{35}D_{67}$ | $D_{35} == D_{12}D_{67}$ | $D_{12}D_{35} == D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36} == D_{24}D_{57}$ | $D_{24}D_{36} == D_{57}$ | $== D_{24}D_{36}D_{57}$ | $D_{24} == D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14} == D_{37}D_{56}$ | $== D_{14}D_{37}D_{56}$ | $D_{14}D_{37} == D_{56}$ | $D_{37} == D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25} == D_{13}D_{47}$ | $D_{13}D_{25} == D_{47}$ | $== D_{13}D_{25}D_{47}$ | $D_{13} == D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{15} == D_{23}D_{46}$ | $D_{23} == D_{15}D_{46}$ | $D_{15}D_{23} == D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16} == D_{27}D_{45}$ | $D_{16}D_{27} == D_{45}$ | $== D_{16}D_{27}D_{45}$ | $D_{27} == D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17} == D_{26}D_{34}$ | $D_{26} == D_{17}D_{34}$ | $D_{17}D_{26} == D_{34}$ |

E8#=139

flip=False split # ↓,

{1, 4, 2}{1, 6, 3}{1, 5, 7}{2, 3, 7}{2, 5, 6}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36}$ | $D_{36}$ | $D_{24}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{24}D_{57}$ | $D_{36}D_{57}$ | $D_{24}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{14}$ | $D_{37}$ | $D_{14}D_{37}$ |
| == | == | == | == |
| $D_{14}D_{37}D_{56}$ | $D_{37}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{13}D_{25}D_{47}$ | $D_{47}$ | $D_{13}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ | $D_{23}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{17}D_{34}$ | $D_{26}D_{34}$ | $D_{17}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 5, 3}{1, 6, 7}{2, 7, 3}{2, 5, 6}{3, 4, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ | $D_{24}D_{35}$ | | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{67}$ | $D_{24}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{12}D_{36}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{37}D_{56}$ | $D_{14}D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{13}D_{47}$ | $D_{26}D_{47}$ | $D_{13}D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{45}$ | $D_{16}D_{23}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{34}$ | $D_{17}D_{25}D_{34}$ | $D_{34}$ | $D_{17}D_{34}$ |

E8#=140

flip=False split # ↓,

{1, 2, 4}{1, 3, 7}{1, 5, 6}{2, 6, 3}{2, 5, 7}{3, 4, 5}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 7, 3}{1, 5, 6}{2, 5, 3}{2, 6, 7}{3, 4, 6}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | == $D_{16}D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ |

E8#=141

flip=False split # ↓,

{1, 2, 5}{1, 4, 3}{1, 6, 7}{2, 3, 6}{2, 4, 7}{3, 5, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{36}D_{47}$ | == $D_{15}D_{36}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{24}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 4}{1, 6, 7}{2, 3, 7}{2, 4, 6}{3, 5, 6}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}$ == $D_{34}D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ |

E8#=142

flip=False split # ↓,

{1, 2, 5}{1, 3, 4}{1, 7, 6}{2, 3, 6}{2, 4, 7}{3, 7, 5}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ | == $D_{25}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{36}D_{47}$ | == $D_{15}D_{36}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | == $D_{12}D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{16}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ | == $D_{16}D_{24}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 4, 3}{1, 7, 6}{2, 3, 7}{2, 4, 6}{3, 6, 5}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ | $D_{17}$ == $D_{24}D_{35}$ | == $D_{17}D_{24}D_{35}$ |

E8#=143

flip=False split # ↓,

{1, 2, 4}{1, 7, 3}{1, 6, 5}{2, 6, 3}{2, 5, 7}{3, 5, 4}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{36}D_{57}$ | $D_{14}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ | | $D_{24}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{56}$ | $D_{24}D_{37}D_{56}$ | $D_{56}$ | $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{46}$ | $D_{13}D_{25}D_{46}$ | $D_{46}$ | $D_{13}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{34}$ | $D_{16}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 7}{1, 6, 5}{2, 5, 3}{2, 6, 7}{3, 6, 4}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{14}D_{35}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{12}D_{36}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{24}D_{37}$ | | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{56}$ | $D_{56}$ | $D_{24}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{25}D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{26}$ | $D_{13}D_{26}$ |
| == | == | == | == |
| $D_{13}D_{26}D_{45}$ | $D_{26}D_{45}$ | $D_{13}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{34}$ | $D_{27}D_{34}$ | $D_{15}D_{34}$ | $D_{34}$ |

E8#=144

flip=False split # ↓,

{1, 4, 2}{1, 3, 6}{1, 7, 5}{2, 3, 7}{2, 5, 6}{3, 5, 4}{4, 6, 7}

| 1 | 6 | 7 |
|---|---|---|
| $D_{12}$ == $D_{35}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ |
| 1 | 2 | 3 |
| $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{24}$ == $D_{24}D_{36}D_{57}$ | $D_{36}D_{57}$ |
| 1 | 4 | 5 |
| $D_{14}$ == $D_{14}D_{37}D_{56}$ | $D_{37}$ == $D_{37}D_{56}$ | $D_{14}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ |
| 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ |
| 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ == $D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ |
| 2 | 4 | 6 |
| $D_{16}$ == $D_{16}D_{27}D_{45}$ | $D_{27}$ == $D_{27}D_{45}$ | $D_{16}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ |
| 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{34}$ | $D_{17}D_{26}D_{34}$ == $D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 5}{1, 7, 6}{2, 7, 3}{2, 5, 6}{3, 6, 4}{4, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}$ == $D_{12}D_{36}D_{57}$ | $D_{36}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ |
| 1 | 4 | 5 |
| $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ |
| 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ |
| 2 | 4 | 6 |
| $D_{27}$ == $D_{15}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ |
| 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | == $D_{17}D_{25}D_{34}$ |

E8#=145

flip=False split # ↓,

{1, 2, 7}{1, 6, 3}{1, 5, 4}{2, 5, 3}{2, 4, 6}{3, 4, 7}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ | == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{26}D_{37}$ | == $D_{15}D_{26}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 5}{1, 6, 4}{2, 3, 6}{2, 4, 5}{3, 4, 7}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| == $D_{13}D_{24}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ | == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ | == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ |

E8#=146

flip=False split # ↓,

{1, 2, 7}{1, 3, 5}{1, 6, 4}{2, 3, 4}{2, 5, 6}{3, 6, 7}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{16}D_{23}D_{57}$ | $D_{23}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{34}D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 6}{1, 5, 4}{2, 4, 3}{2, 5, 6}{3, 5, 7}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{24}D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{26}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ |

E8#=147

flip=False split # ↓,

{1, 7, 2}{1, 4, 3}{1, 6, 5}{2, 5, 3}{2, 4, 6}{3, 6, 7}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{13}D_{57}$ | $D_{26}D_{57}$ | $D_{13}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{34}$ | $D_{27}D_{34}$ |
| == | == | == | == |
| $D_{27}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{17}D_{35}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{37}$ | $D_{37}$ | $D_{15}D_{24}D_{37}$ | $D_{24}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 4}{1, 6, 5}{2, 6, 3}{2, 4, 5}{3, 5, 7}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ | $D_{34}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{27}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{12}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{24}D_{37}$ | $D_{16}D_{24}D_{37}$ |

E8#=148

flip=False split # ↓,

{1, 6, 2}{1, 7, 3}{1, 4, 5}{2, 3, 5}{2, 4, 7}{3, 6, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ | == $D_{15}D_{27}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 7}{1, 4, 5}{2, 3, 4}{2, 5, 7}{3, 6, 5}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ == $D_{12}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{14}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ | == $D_{14}D_{27}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ |

E8#=149

flip=False split # ↓,

{1, 2, 4}{1, 3, 6}{1, 5, 7}{2, 3, 7}{2, 6, 5}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35} == D_{67}$ | $D_{35} == D_{12}D_{67}$ | $D_{12} == D_{35}D_{67}$ | $== D_{12}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $== D_{24}D_{36}D_{57}$ | $D_{24} == D_{36}D_{57}$ | $D_{36} == D_{24}D_{57}$ | $D_{24}D_{36} == D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37} == D_{14}D_{56}$ | $D_{14}D_{37} == D_{56}$ | $== D_{14}D_{37}D_{56}$ | $D_{14} == D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25} == D_{13}D_{47}$ | $D_{13}D_{25} == D_{47}$ | $== D_{13}D_{25}D_{47}$ | $D_{13} == D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23} == D_{46}$ | $D_{23} == D_{15}D_{46}$ | $D_{15} == D_{23}D_{46}$ | $== D_{15}D_{23}D_{46}$ |
| | 2 | 4 | 6 |
| $== D_{16}D_{27}D_{45}$ | $D_{16} == D_{27}D_{45}$ | $D_{27} == D_{16}D_{45}$ | $D_{16}D_{27} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26} == D_{17}D_{34}$ | $D_{17}D_{26} == D_{34}$ | $== D_{17}D_{26}D_{34}$ | $D_{17} == D_{26}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 5}{1, 6, 7}{2, 7, 3}{2, 6, 5}{3, 6, 4}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24} == D_{35}D_{67}$ | $== D_{24}D_{35}D_{67}$ | $D_{24}D_{35} == D_{67}$ | $D_{35} == D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36} == D_{12}D_{57}$ | $D_{12}D_{36} == D_{57}$ | $== D_{12}D_{36}D_{57}$ | $D_{12} == D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14} == D_{37}D_{56}$ | $== D_{14}D_{37}D_{56}$ | $D_{14}D_{37} == D_{56}$ | $D_{37} == D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{26}D_{47}$ | $D_{13} == D_{26}D_{47}$ | $D_{26} == D_{13}D_{47}$ | $D_{13}D_{26} == D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27} == D_{15}D_{46}$ | $D_{15}D_{27} == D_{46}$ | $== D_{15}D_{27}D_{46}$ | $D_{15} == D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16} == D_{23}D_{45}$ | $== D_{16}D_{23}D_{45}$ | $D_{16}D_{23} == D_{45}$ | $D_{23} == D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{17}D_{25}D_{34}$ | $D_{17} == D_{25}D_{34}$ | $D_{25} == D_{17}D_{34}$ | $D_{17}D_{25} == D_{34}$ |

E8#=150

flip=False split # ↓,

{1, 4, 2}{1, 7, 3}{1, 5, 6}{2, 6, 3}{2, 7, 5}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{35}$ == $D_{12}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 7}{1, 5, 6}{2, 5, 3}{2, 7, 6}{3, 6, 4}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | == $D_{12}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | == $D_{16}D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ |

E8#=151

flip=False split # ↓,

{1, 5, 2}{1, 3, 4}{1, 6, 7}{2, 3, 6}{2, 7, 4}{3, 7, 5}{4, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{25}$ == $D_{34}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ |
| 2 | 4 | 6 |
| $D_{14}$ == $D_{14}D_{26}D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ |
| 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ |
| 1 | 4 | 5 |
| $D_{15}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ | == $D_{15}D_{36}D_{47}$ |
| 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ |
| 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $D_{16}$ == $D_{24}D_{35}$ | == $D_{16}D_{24}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 4, 3}{1, 6, 7}{2, 3, 7}{2, 6, 4}{3, 6, 5}{4, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ |
| 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ | == $D_{13}D_{26}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ |
| 2 | 4 | 6 |
| $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ | $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ |
| 1 | 6 | 7 |
| == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ |
| 1 | 4 | 5 |
| $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ |
| 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ |
| 3 | 5 | 6 |
| == $D_{17}D_{24}D_{35}$ | $D_{17}$ == $D_{24}D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ |

E8#=152

flip=False split # ↓,

{1, 5, 2}{1, 4, 3}{1, 7, 6}{2, 3, 6}{2, 7, 4}{3, 5, 7}{4, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{25}$ | $D_{34}$ | $D_{25}D_{34}$ |
| == | == | == | == |
| $D_{25}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{14}D_{26}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{26}D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{13}D_{27}D_{56}$ | $D_{56}$ | $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{36}$ | $D_{36}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{15}D_{47}$ | $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{12}D_{46}$ | $D_{46}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{45}$ | $D_{23}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{16}D_{35}$ | $D_{24}D_{35}$ | $D_{16}D_{24}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 4}{1, 7, 6}{2, 3, 7}{2, 6, 4}{3, 5, 6}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}D_{34}$ | $D_{34}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{25}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{26}$ | $D_{13}D_{26}$ |
| == | == | == | == |
| $D_{13}D_{26}D_{57}$ | $D_{26}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{27}D_{56}$ | $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{12}D_{36}D_{47}$ | $D_{47}$ | $D_{12}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{15}D_{37}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{46}$ | $D_{46}$ | $D_{15}D_{37}D_{46}$ | $D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{45}$ | $D_{16}D_{23}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{35}$ | $D_{35}$ | $D_{17}D_{24}D_{35}$ | $D_{24}D_{35}$ |

E8#=153

flip=False split # ↓,

{1, 4, 2}{1, 3, 7}{1, 6, 5}{2, 6, 3}{2, 7, 5}{3, 4, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{23}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 7, 3}{1, 6, 5}{2, 5, 3}{2, 7, 6}{3, 4, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ | == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ |

E8#=154

flip=False split # ↓,

{1, 2, 4}{1, 6, 3}{1, 7, 5}{2, 3, 7}{2, 6, 5}{3, 4, 5}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{35}$ == $D_{12}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ | == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 5, 3}{1, 7, 6}{2, 7, 3}{2, 6, 5}{3, 4, 6}{4, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | == $D_{12}D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ | == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{15}D_{27}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ | == $D_{16}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{17}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ | == $D_{17}D_{25}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ |

E8#=155

flip=False split # ↓,

{1, 7, 2}{1, 3, 6}{1, 5, 4}{2, 5, 3}{2, 6, 4}{3, 7, 4}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23} == D_{67}$ | $D_{23} == D_{14}D_{67}$ | $D_{14} == D_{23}D_{67}$ | $== D_{14}D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{24}D_{57}$ | $== D_{13}D_{24}D_{57}$ | $D_{13}D_{24} == D_{57}$ | $D_{24} == D_{13}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34} == D_{56}$ | $D_{34} == D_{12}D_{56}$ | $D_{12} == D_{34}D_{56}$ | $== D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25} == D_{16}D_{47}$ | $D_{16}D_{25} == D_{47}$ | $== D_{16}D_{25}D_{47}$ | $D_{16} == D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17} == D_{35}D_{46}$ | $== D_{17}D_{35}D_{46}$ | $D_{17}D_{35} == D_{46}$ | $D_{35} == D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36} == D_{27}D_{45}$ | $D_{27}D_{36} == D_{45}$ | $== D_{27}D_{36}D_{45}$ | $D_{27} == D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{15}D_{26}D_{37}$ | $D_{15} == D_{26}D_{37}$ | $D_{26} == D_{15}D_{37}$ | $D_{15}D_{26} == D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 5, 3}{1, 6, 4}{2, 3, 6}{2, 5, 4}{3, 7, 4}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24} == D_{67}$ | $D_{24} == D_{13}D_{67}$ | $D_{13} == D_{24}D_{67}$ | $== D_{13}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{14}D_{57}$ | $D_{14}D_{23} == D_{57}$ | $== D_{14}D_{23}D_{57}$ | $D_{14} == D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34} == D_{12}D_{56}$ | $D_{12}D_{34} == D_{56}$ | $== D_{12}D_{34}D_{56}$ | $D_{12} == D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15} == D_{26}D_{47}$ | $== D_{15}D_{26}D_{47}$ | $D_{15}D_{26} == D_{47}$ | $D_{26} == D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27} == D_{35}D_{46}$ | $== D_{27}D_{35}D_{46}$ | $D_{27}D_{35} == D_{46}$ | $D_{35} == D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36} == D_{17}D_{45}$ | $D_{17}D_{36} == D_{45}$ | $== D_{17}D_{36}D_{45}$ | $D_{17} == D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{16}D_{25}D_{37}$ | $D_{16} == D_{25}D_{37}$ | $D_{25} == D_{16}D_{37}$ | $D_{16}D_{25} == D_{37}$ |

E8#=156

flip=False split # ↓,

{1, 7, 2}{1, 5, 3}{1, 6, 4}{2, 3, 4}{2, 6, 5}{3, 7, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| == | == | == | == |
| $D_{16}D_{23}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{57}$ | $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ | $D_{34}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{17}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{35}$ | $D_{27}D_{35}$ |
| == | == | == | == |
| $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ | $D_{25}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{14}D_{37}$ | $D_{25}D_{37}$ | $D_{14}D_{25}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 6, 3}{1, 5, 4}{2, 4, 3}{2, 6, 5}{3, 7, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{34}$ | $D_{17}D_{34}$ |
| == | == | == | == |
| $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{47}$ | $D_{25}D_{47}$ | $D_{13}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{37}$ | $D_{14}D_{26}D_{37}$ | $D_{37}$ | $D_{14}D_{37}$ |

E8#=157

flip=False split # ↓,

{1, 2, 7}{1, 3, 4}{1, 6, 5}{2, 5, 3}{2, 6, 4}{3, 7, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{26}$ | $D_{13}D_{26}$ |
| == | == | == | == |
| $D_{13}D_{26}D_{57}$ | $D_{26}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ | $D_{34}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{27}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{35}$ | $D_{17}D_{35}$ |
| == | == | == | == |
| $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}D_{36}D_{45}$ | $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{24}D_{37}$ | $D_{15}D_{24}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 4, 3}{1, 6, 5}{2, 6, 3}{2, 5, 4}{3, 7, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{67}$ | $D_{13}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{34}$ | $D_{27}D_{34}$ |
| == | == | == | == |
| $D_{27}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{12}D_{46}$ | $D_{35}D_{46}$ | $D_{12}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{37}$ | $D_{37}$ | $D_{16}D_{24}D_{37}$ | $D_{24}D_{37}$ |

E8#=158

flip=False split # ↓,

{1, 2, 6}{1, 3, 7}{1, 4, 5}{2, 3, 5}{2, 7, 4}{3, 4, 6}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 7, 3}{1, 4, 5}{2, 3, 4}{2, 7, 5}{3, 5, 6}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{15}D_{67}$ | $D_{15}D_{23}$ == $D_{67}$ | == $D_{15}D_{23}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ |

E8#=159

flip=False split # ↓,

{1, 7, 2}{1, 6, 3}{1, 4, 5}{2, 3, 5}{2, 4, 6}{3, 7, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{12}D_{56}$ | $D_{34}D_{56}$ | $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{35}$ | $D_{17}D_{35}$ |
| == | == | == | == |
| $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ | $D_{36}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{27}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ | $D_{26}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 5}{1, 4, 6}{2, 6, 3}{2, 4, 5}{3, 7, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{35}$ | $D_{27}D_{35}$ |
| == | == | == | == |
| $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{27}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ |

E8#=160

flip=False split # ↓,

{1, 7, 2}{1, 3, 5}{1, 4, 6}{2, 4, 3}{2, 5, 6}{3, 7, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{17}D_{34}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{47}$ | $D_{13}D_{26}D_{47}$ | $D_{47}$ | $D_{13}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{46}$ | $D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{37}$ | $D_{25}D_{37}$ | $D_{14}D_{37}$ | $D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 6}{1, 4, 5}{2, 3, 4}{2, 5, 6}{3, 7, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| | $D_{16}$ | $D_{24}$ | $D_{16}D_{24}$ |
| == | == | == | == |
| $D_{16}D_{24}D_{57}$ | $D_{24}D_{57}$ | $D_{16}D_{57}$ | $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ | $D_{25}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{13}D_{47}$ | $D_{25}D_{47}$ | $D_{13}D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{36}$ | $D_{27}D_{36}$ |
| == | == | == | == |
| $D_{27}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ | $D_{14}D_{26}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{26}D_{37}$ | $D_{26}D_{37}$ |

E8#=161

flip=False split # ↓,

{1, 2, 7}{1, 4, 3}{1, 5, 6}{2, 3, 5}{2, 4, 6}{3, 7, 6}{4, 5, 7}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}$ == $D_{25}D_{67}$ | $D_{14}D_{25}D_{67}$ == $D_{14}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 4}{1, 5, 6}{2, 3, 6}{2, 4, 5}{3, 7, 5}{4, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{25}$ == $D_{13}D_{67}$ | $D_{13}D_{25}$ == $D_{67}$ | == $D_{13}D_{25}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{14}D_{26}D_{57}$ | $D_{14}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{24}D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ |

E8#=162

flip=False split # ↓,

{1, 2, 6}{1, 3, 7}{1, 5, 4}{2, 3, 4}{2, 7, 5}{3, 5, 6}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ | == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{14}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ | == $D_{14}D_{27}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 7, 3}{1, 5, 4}{2, 3, 5}{2, 7, 4}{3, 4, 6}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{24}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ | == $D_{15}D_{27}D_{36}$ |

E8#=163

flip=False split # ↓,

{1, 3, 2}{1, 4, 6}{1, 7, 5}{2, 7, 4}{2, 6, 5}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| | $D_{12}$ | $D_{45}$ | $D_{12}D_{45}$ |
| == | == | == | == |
| $D_{12}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ | $D_{23}D_{46}$ | | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{57}$ | $D_{23}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}$ | | $D_{13}D_{47}$ | $D_{47}$ |
| == | == | == | == |
| $D_{47}D_{56}$ | $D_{13}D_{47}D_{56}$ | $D_{56}$ | $D_{13}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{25}D_{37}$ | $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{15}D_{36}$ | $D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{35}$ | $D_{16}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{17}D_{34}$ | $D_{26}D_{34}$ | $D_{17}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 5}{1, 7, 6}{2, 6, 3}{2, 7, 5}{3, 7, 4}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ | $D_{24}D_{35}$ | | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{67}$ | $D_{24}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ | | $D_{14}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{57}$ | $D_{14}D_{36}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{13}D_{46}$ | $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{45}$ | $D_{17}D_{23}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{25}$ | $D_{16}D_{25}$ |
| == | == | == | == |
| $D_{16}D_{25}D_{34}$ | $D_{25}D_{34}$ | $D_{16}D_{34}$ | $D_{34}$ |

E8#=164

flip=False split # ↓,

{1, 2, 3}{1, 4, 5}{1, 7, 6}{2, 4, 6}{2, 5, 7}{3, 4, 7}{3, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | 4 | 5 |
| $D_{13} == D_{46}D_{57}$ | $== D_{13}D_{46}D_{57}$ | $D_{13}D_{46} == D_{57}$ | $D_{46} == D_{13}D_{57}$ |
| 1 | 6 | 7 |
| $D_{12}D_{47} == D_{56}$ | $D_{47} == D_{12}D_{56}$ | $D_{12} == D_{47}D_{56}$ | $== D_{12}D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $== D_{15}D_{26}D_{37}$ | $D_{15} == D_{26}D_{37}$ | $D_{26} == D_{15}D_{37}$ | $D_{15}D_{26} == D_{37}$ |
| 2 | 5 | 7 |
| $D_{27} == D_{14}D_{36}$ | $D_{14}D_{27} == D_{36}$ | $== D_{14}D_{27}D_{36}$ | $D_{14} == D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{17}D_{24} == D_{35}$ | $D_{24} == D_{17}D_{35}$ | $D_{17} == D_{24}D_{35}$ | $== D_{17}D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{16} == D_{25}D_{34}$ | $== D_{16}D_{25}D_{34}$ | $D_{16}D_{25} == D_{34}$ | $D_{25} == D_{16}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 5, 4}{1, 7, 6}{2, 4, 7}{2, 5, 6}{3, 4, 6}{3, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ | $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ |
| 1 | 6 | 7 |
| $D_{46} == D_{12}D_{57}$ | $D_{12}D_{46} == D_{57}$ | $== D_{12}D_{46}D_{57}$ | $D_{12} == D_{46}D_{57}$ |
| 1 | 4 | 5 |
| $== D_{13}D_{47}D_{56}$ | $D_{13} == D_{47}D_{56}$ | $D_{47} == D_{13}D_{56}$ | $D_{13}D_{47} == D_{56}$ |
| 2 | 5 | 7 |
| $D_{14}D_{26} == D_{37}$ | $D_{26} == D_{14}D_{37}$ | $D_{14} == D_{26}D_{37}$ | $== D_{14}D_{26}D_{37}$ |
| 2 | 4 | 6 |
| $D_{15} == D_{27}D_{36}$ | $== D_{15}D_{27}D_{36}$ | $D_{15}D_{27} == D_{36}$ | $D_{27} == D_{15}D_{36}$ |
| 3 | 4 | 7 |
| $D_{24} == D_{16}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16} == D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $== D_{17}D_{25}D_{34}$ | $D_{17} == D_{25}D_{34}$ | $D_{25} == D_{17}D_{34}$ | $D_{17}D_{25} == D_{34}$ |

E8#=165

flip=False split # ↓,

{1, 3, 2}{1, 4, 5}{1, 6, 7}{2, 6, 4}{2, 5, 7}{3, 7, 4}{3, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23} == D_{45}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ |
| 1 | 4 | 5 |
| $D_{46} == D_{13}D_{57}$ | $D_{13}D_{46} == D_{57}$ | $D_{13} == D_{13}D_{46}D_{57}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{12}D_{47}D_{56}$ | $D_{47} == D_{47}D_{56}$ | $D_{12}D_{47} == D_{12}D_{56}$ |
| 2 | 4 | 6 |
| $D_{15} == D_{26}D_{37}$ | $D_{15}D_{26} == D_{15}D_{26}D_{37}$ | $D_{26} == D_{37}$ |
| 2 | 5 | 7 |
| $D_{27} == D_{14}D_{36}$ | $D_{14}D_{27} == D_{36}$ | $D_{14} == D_{14}D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{17} == D_{17}D_{24}D_{35}$ | $D_{24} == D_{24}D_{35}$ | $D_{17}D_{24} == D_{17}D_{35}$ |
| 3 | 5 | 6 |
| $D_{25} == D_{34}$ | $D_{16} == D_{16}D_{34}$ | $== D_{25}D_{34}$ | $== D_{16}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 5, 4}{1, 6, 7}{2, 7, 4}{2, 5, 6}{3, 6, 4}{3, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12} == D_{46}D_{57}$ | $== D_{12}D_{46}D_{57}$ | $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ |
| 1 | 4 | 5 |
| $D_{13}D_{47} == D_{56}$ | $D_{47} == D_{13}D_{56}$ | $D_{13} == D_{47}D_{56}$ | $== D_{13}D_{47}D_{56}$ |
| 2 | 5 | 7 |
| $D_{14}D_{26} == D_{37}$ | $D_{26} == D_{14}D_{37}$ | $D_{14} == D_{26}D_{37}$ | $== D_{14}D_{26}D_{37}$ |
| 2 | 4 | 6 |
| $D_{15} == D_{15}D_{27}D_{36}$ | $D_{27} == D_{27}D_{36}$ | $D_{27} == D_{15}D_{36}$ | $D_{15}D_{27} == D_{36}$ |
| 3 | 4 | 7 |
| $D_{16} == D_{24}D_{35}$ | $== D_{16}D_{24}D_{35}$ | $D_{16}D_{24} == D_{35}$ | $D_{24} == D_{16}D_{35}$ |
| 3 | 5 | 6 |
| $D_{25} == D_{17}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17} == D_{25}D_{34}$ |

E8#=166

flip=False split # ↓,

{1, 3, 2}{1, 4, 7}{1, 6, 5}{2, 4, 6}{2, 5, 7}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{46}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 6}{1, 7, 5}{2, 3, 5}{2, 6, 7}{3, 4, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | == $D_{16}D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ |

E8#=167

flip=False split # ↓,

{1, 3, 2}{1, 4, 7}{1, 5, 6}{2, 5, 4}{2, 7, 6}{3, 6, 4}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}$ == $D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ | == $D_{12}D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{47}D_{56}$ | $D_{23}D_{47}$ == $D_{23}D_{47}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 6}{1, 5, 7}{2, 4, 5}{2, 7, 6}{3, 7, 4}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{47}$ == $D_{12}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | == $D_{12}D_{47}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{17}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ |

E8#=168

flip=False split # ↓,

{1, 2, 3}{1, 6, 4}{1, 5, 7}{2, 4, 5}{2, 6, 7}{3, 7, 4}{3, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}$ == $D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 7, 4}{1, 5, 6}{2, 5, 4}{2, 6, 7}{3, 6, 4}{3, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{46}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ | == $D_{16}D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{25}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ |

E8#=169

flip=False split # ↓,

{1, 2, 3}{1, 4, 7}{1, 5, 6}{2, 6, 4}{2, 5, 7}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{12}D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | == $D_{13}D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 6}{1, 5, 7}{2, 5, 3}{2, 6, 7}{3, 7, 4}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{36}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

E8#=170

flip=False split # ↓,

{1, 3, 2}{1, 5, 4}{1, 7, 6}{2, 4, 6}{2, 7, 5}{3, 7, 4}{3, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| == | $D_{23}$ | $D_{45}$ | $D_{23}D_{45}$ |
| $D_{23}D_{45}D_{67}$ | == $D_{45}D_{67}$ | == $D_{23}D_{67}$ | == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{46}$ | $D_{46}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{13}D_{57}$ | $D_{46}D_{57}$ | $D_{13}D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{47}$ | $D_{12}D_{47}$ |
| == | == | == | == |
| $D_{12}D_{47}D_{56}$ | $D_{47}D_{56}$ | $D_{12}D_{56}$ | $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{37}$ | $D_{37}$ | $D_{15}D_{26}D_{37}$ | $D_{26}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{36}$ | $D_{14}D_{27}D_{36}$ | $D_{36}$ | $D_{14}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{24}$ | $D_{24}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{24}D_{35}$ | $D_{17}D_{24}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{25}$ | $D_{16}D_{25}$ |
| == | == | == | == |
| $D_{16}D_{25}D_{34}$ | $D_{25}D_{34}$ | $D_{16}D_{34}$ | $D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 5}{1, 7, 6}{2, 4, 7}{2, 6, 5}{3, 6, 4}{3, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{23}D_{45}$ | $D_{45}$ | $D_{23}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{23}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{46}$ | $D_{46}$ |
| == | == | == | == |
| $D_{46}D_{57}$ | $D_{12}D_{46}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{47}$ | $D_{13}D_{47}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{14}$ | $D_{26}$ | $D_{14}D_{26}$ |
| == | == | == | == |
| $D_{14}D_{26}D_{37}$ | $D_{26}D_{37}$ | $D_{14}D_{37}$ | $D_{37}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ | $D_{27}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{15}D_{36}$ | $D_{27}D_{36}$ | $D_{15}D_{27}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{24}D_{35}$ | $D_{24}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{34}$ | $D_{17}D_{25}D_{34}$ | $D_{34}$ | $D_{17}D_{34}$ |

E8#=171

flip=False split # ↓,

{1, 2, 3}{1, 4, 6}{1, 7, 5}{2, 5, 4}{2, 7, 6}{3, 7, 4}{3, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{13}$ | $D_{45}$ | $D_{13}D_{45}$ |
| == | == | == | == |
| $D_{13}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ | $D_{46}$ | $D_{23}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{23}D_{57}$ | $D_{46}D_{57}$ | $D_{23}D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{47}$ | $D_{47}$ |
| == | == | == | == |
| $D_{47}D_{56}$ | $D_{12}D_{47}D_{56}$ | $D_{56}$ | $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ | $D_{37}$ | $D_{16}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{26}$ | $D_{15}D_{26}$ |
| == | == | == | == |
| $D_{15}D_{26}D_{34}$ | $D_{26}D_{34}$ | $D_{15}D_{34}$ | $D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 7}{1, 6, 5}{2, 4, 5}{2, 7, 6}{3, 6, 4}{3, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{13}D_{45}$ | $D_{45}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{46}$ | $D_{12}D_{46}$ |
| == | == | == | == |
| $D_{12}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{12}D_{57}$ | $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ | $D_{23}D_{47}$ | | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{56}$ | $D_{23}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{24}$ | $D_{16}D_{24}$ |
| == | == | == | == |
| $D_{16}D_{24}D_{37}$ | $D_{24}D_{37}$ | $D_{16}D_{37}$ | $D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ | $D_{25}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{17}D_{36}$ | $D_{25}D_{36}$ | $D_{17}D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ | $D_{35}$ | $D_{14}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{15}D_{27}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{34}$ | $D_{34}$ | $D_{15}D_{27}D_{34}$ | $D_{27}D_{34}$ |

E8#=172

flip=False split # ↓,

{1, 2, 3}{1, 7, 4}{1, 6, 5}{2, 4, 6}{2, 7, 5}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{12}D_{45}D_{67}$ | $D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{46}$ == $D_{13}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ | == $D_{13}D_{46}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{25}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 6, 3}{1, 7, 5}{2, 3, 5}{2, 7, 6}{3, 7, 4}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{26}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ |

E8#=173

flip=False split # ↓,

{1, 2, 4}{1, 3, 6}{1, 7, 5}{2, 3, 5}{2, 6, 7}{3, 7, 4}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{15}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 7}{1, 6, 5}{2, 4, 6}{2, 5, 7}{3, 5, 4}{3, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == $D_{46}D_{57}$ | == $D_{13}D_{46}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ | == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{25}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ |

E8#=174

flip=False split # ↓,

{1, 3, 2}{1, 7, 4}{1, 6, 5}{2, 4, 5}{2, 6, 7}{3, 6, 4}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| | $D_{13}$ | $D_{45}$ | $D_{13}D_{45}$ |
| == | == | == | == |
| $D_{13}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{46}D_{57}$ | $D_{12}D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{23}$ | $D_{47}$ | $D_{23}D_{47}$ |
| == | == | == | == |
| $D_{23}D_{47}D_{56}$ | $D_{47}D_{56}$ | $D_{23}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{24}D_{37}$ | $D_{16}D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ | $D_{35}$ | $D_{14}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{34}$ | $D_{27}D_{34}$ | $D_{15}D_{34}$ | $D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 6, 4}{1, 7, 5}{2, 5, 4}{2, 6, 7}{3, 7, 4}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}D_{45}$ | $D_{45}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}$ | | $D_{23}D_{46}$ | $D_{46}$ |
| == | == | == | == |
| $D_{46}D_{57}$ | $D_{23}D_{46}D_{57}$ | $D_{57}$ | $D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{47}$ | $D_{12}D_{47}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| | $D_{16}$ | $D_{25}$ | $D_{16}D_{25}$ |
| == | == | == | == |
| $D_{16}D_{25}D_{37}$ | $D_{25}D_{37}$ | $D_{16}D_{37}$ | $D_{37}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{36}$ | $D_{17}D_{24}D_{36}$ | $D_{36}$ | $D_{17}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{34}$ | $D_{34}$ | $D_{15}D_{26}D_{34}$ | $D_{26}D_{34}$ |

E8#=175

flip=False split # ↓,

{1, 2, 3}{1, 5, 4}{1, 7, 6}{2, 4, 7}{2, 5, 6}{3, 6, 4}{3, 5, 7}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{23}$ == $D_{45}D_{67}$ | == $D_{23}D_{45}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ | == $D_{12}D_{46}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == $D_{47}D_{56}$ | == $D_{13}D_{47}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{26}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{24}D_{35}$ | == $D_{16}D_{24}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | == $D_{17}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 5}{1, 7, 6}{2, 4, 6}{2, 5, 7}{3, 7, 4}{3, 5, 6}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{45}$ == $D_{23}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ | == $D_{23}D_{45}D_{67}$ | $D_{23}$ == $D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{46}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | == $D_{15}D_{26}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{24}D_{35}$ | $D_{17}$ == $D_{24}D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ |

E8#=176

flip=False split # ↓,

{1, 2, 5}{1, 3, 6}{1, 7, 4}{2, 3, 4}{2, 6, 7}{3, 7, 5}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{15}D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | == $D_{25}D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 6}{1, 7, 4}{2, 3, 7}{2, 4, 6}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | == $D_{25}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |

E8#=177

flip=False split # ↓,

{1, 2, 6}{1, 4, 3}{1, 5, 7}{2, 3, 5}{2, 4, 7}{3, 6, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{14}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ | == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 7, 3}{1, 4, 6}{2, 4, 3}{2, 6, 7}{3, 5, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{24}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | == $D_{25}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |

E8#=178

flip=False split # ↓,

{1, 2, 6}{1, 3, 4}{1, 5, 7}{2, 3, 7}{2, 4, 5}{3, 5, 6}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{26}$ | $D_{34}$ | $D_{26}D_{34}$ |
| == | == | == | == |
| $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{26}D_{57}$ | $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{27}D_{56}$ | $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 7}{1, 4, 6}{2, 6, 3}{2, 4, 7}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{67}$ | $D_{12}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{57}$ | $D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{15}D_{36}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ | | $D_{25}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ | $D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ | | $D_{17}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{27}$ | $D_{16}D_{27}$ |
| == | == | == | == |
| $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ | $D_{16}D_{35}$ | $D_{35}$ |

E8#=179

flip=False split # ↓,

{1, 6, 2}{1, 3, 5}{1, 4, 7}{2, 4, 3}{2, 5, 7}{3, 6, 7}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ | == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{35}D_{47}$ | == $D_{26}D_{35}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{25}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 5}{1, 4, 7}{2, 7, 3}{2, 4, 5}{3, 4, 6}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| == $D_{13}D_{24}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{35}D_{47}$ | == $D_{26}D_{35}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ | == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{25}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ |

E8#=180

flip=False split # ↓,

{1, 6, 2}{1, 5, 3}{1, 7, 4}{2, 4, 3}{2, 5, 7}{3, 7, 6}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ | == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{14}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 5, 3}{1, 7, 4}{2, 7, 3}{2, 4, 5}{3, 6, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ | == $D_{13}D_{24}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ | == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{17}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ |

E8#=181

flip=False split # ↓,

{1, 2, 6}{1, 4, 3}{1, 7, 5}{2, 3, 7}{2, 4, 5}{3, 6, 5}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{46}$ | $D_{46}$ | $D_{15}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 7, 3}{1, 6, 4}{2, 6, 3}{2, 4, 7}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{15}D_{36}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{25}$ | $D_{37}$ | $D_{25}D_{37}$ |
| == | == | == | == |
| $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ |

E8#=182

flip=False split # ↓,

{1, 2, 6}{1, 3, 4}{1, 7, 5}{2, 3, 5}{2, 4, 7}{3, 7, 6}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ | $D_{34}$ | $D_{26}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{26}D_{57}$ | $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{13}D_{27}D_{56}$ | $D_{56}$ | $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ | $D_{47}$ | $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ | $D_{37}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{37}D_{45}$ | $D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{36}$ | $D_{36}$ | $D_{15}D_{24}D_{36}$ | $D_{24}D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 7}{1, 6, 4}{2, 4, 3}{2, 6, 7}{3, 6, 5}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{15}D_{34}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{12}D_{36}D_{47}$ | $D_{47}$ | $D_{12}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{25}D_{37}$ | | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{46}$ | $D_{46}$ | $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{13}D_{45}$ | $D_{26}D_{45}$ | $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{35}$ | $D_{27}D_{35}$ | $D_{14}D_{35}$ | $D_{35}$ |

E8#=183

flip=False split # ↓,

{1, 2, 5}{1, 6, 3}{1, 4, 7}{2, 3, 4}{2, 6, 7}{3, 5, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{15}D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ | == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 6, 3}{1, 4, 7}{2, 3, 7}{2, 4, 6}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ | == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ | == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ | == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ |

E8#=184

flip=False split # ↓,

{1, 3, 2}{1, 5, 4}{1, 6, 7}{2, 4, 7}{2, 6, 5}{3, 6, 4}{3, 7, 5}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{23}D_{67}$ | $D_{23}$ == $D_{45}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}$ == $D_{12}D_{46}D_{57}$ | $D_{46}$ == $D_{46}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ |
| 1 | 4 | 5 |
| $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ |
| 2 | 5 | 7 |
| $D_{14}$ == $D_{26}D_{37}$ | == $D_{14}D_{26}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ |
| 2 | 4 | 6 |
| $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $D_{16}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ | == $D_{16}D_{24}D_{35}$ |
| 3 | 5 | 6 |
| == $D_{17}D_{25}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}D_{25}$ == $D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 5}{1, 6, 7}{2, 4, 6}{2, 7, 5}{3, 7, 4}{3, 6, 5}

| 1 | 2 | 3 |
|---|---|---|
| == $D_{23}D_{45}D_{67}$ | $D_{23}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{23}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ |
| 1 | 4 | 5 |
| $D_{46}$ == $D_{13}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ | == $D_{13}D_{46}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ |
| 1 | 6 | 7 |
| $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ |
| 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | == $D_{15}D_{26}D_{37}$ |
| 2 | 5 | 7 |
| == $D_{14}D_{27}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}D_{27}$ == $D_{36}$ |
| 3 | 4 | 7 |
| $D_{24}$ == $D_{17}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}$ == $D_{24}D_{35}$ |
| 3 | 5 | 6 |
| $D_{16}$ == $D_{25}D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ |

E8#=185

flip=False split # ↓,

{1, 2, 5}{1, 6, 3}{1, 4, 7}{2, 4, 3}{2, 7, 6}{3, 7, 5}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{34}$ | $D_{15}D_{34}$ |
| == | == | == | == |
| $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{25}D_{36}$ | | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{47}$ | $D_{25}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{12}D_{46}$ | $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ | $D_{13}D_{27}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{45}$ | $D_{45}$ | $D_{13}D_{27}D_{45}$ | $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ | $D_{35}$ | $D_{14}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 6, 3}{1, 4, 7}{2, 7, 3}{2, 6, 4}{3, 5, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{67}$ | $D_{12}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ | $D_{24}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{13}D_{57}$ | $D_{24}D_{57}$ | $D_{13}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{25}D_{36}$ | | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{47}$ | $D_{25}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{37}$ | $D_{15}D_{37}$ |
| == | == | == | == |
| $D_{15}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ | $D_{27}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{16}D_{45}$ | $D_{27}D_{45}$ | $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{35}$ | $D_{17}D_{26}D_{35}$ | $D_{35}$ | $D_{17}D_{35}$ |

E8#=186

flip=False split # ↓,

{1, 2, 6}{1, 3, 4}{1, 7, 5}{2, 5, 3}{2, 7, 4}{3, 6, 7}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}$ == $D_{25}D_{67}$ | $D_{14}D_{25}D_{67}$ == | $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 7}{1, 6, 4}{2, 3, 4}{2, 7, 6}{3, 5, 6}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{27}D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ |

E8#=187

flip=False split # ↓,

{1, 2, 6}{1, 4, 3}{1, 7, 5}{2, 7, 3}{2, 5, 4}{3, 5, 6}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{67}$ | $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ | $D_{23}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| | $D_{16}$ | $D_{37}$ | $D_{16}D_{37}$ |
| == | == | == | == |
| $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ | $D_{16}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{36}$ | $D_{17}D_{24}D_{36}$ | $D_{36}$ | $D_{17}D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 7, 3}{1, 6, 4}{2, 3, 6}{2, 7, 4}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{67}$ | $D_{12}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ | $D_{24}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{13}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{36}$ | $D_{36}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{15}D_{47}$ | $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{25}$ | $D_{37}$ | $D_{25}D_{37}$ |
| == | == | == | == |
| $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{17}D_{26}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{45}$ | $D_{45}$ | $D_{17}D_{26}D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ | $D_{27}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{16}D_{35}$ | $D_{27}D_{35}$ | $D_{16}D_{27}D_{35}$ |

E8#=188

flip=False split # ↓,

{1, 6, 2}{1, 5, 3}{1, 7, 4}{2, 3, 4}{2, 7, 5}{3, 6, 7}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | == $D_{16}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 5, 3}{1, 7, 4}{2, 3, 7}{2, 5, 4}{3, 4, 6}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{23}D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{15}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | == $D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ |

E8#=189

flip=False split # ↓,

{1, 6, 2}{1, 3, 5}{1, 4, 7}{2, 3, 4}{2, 7, 5}{3, 7, 6}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{13}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{36}$ | $D_{14}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 5}{1, 4, 7}{2, 3, 7}{2, 5, 4}{3, 6, 4}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{67}$ | $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37}$ | $D_{37}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{16}D_{45}$ | $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ | | $D_{17}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{36}$ | $D_{17}D_{36}$ |

E8#=190

flip=False split # ↓,

{1, 2, 6}{1, 3, 4}{1, 5, 7}{2, 7, 3}{2, 5, 4}{3, 6, 5}{4, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{25} == D_{67}$ | $D_{25} == D_{13}D_{67}$ | $D_{13} == D_{25}D_{67}$ | $== D_{13}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{26} == D_{26}D_{34}D_{57}$ | $D_{34} == D_{34}D_{57}$ | $D_{26}D_{34} == D_{57}$ |
| | 2 | 4 | 6 |
| $D_{27} == D_{14}D_{56}$ | $D_{14}D_{27} == D_{56}$ | $== D_{14}D_{27}D_{56}$ | $D_{14} == D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{35} == D_{12}D_{47}$ | $D_{12}D_{35} == D_{47}$ | $== D_{12}D_{35}D_{47}$ | $D_{12} == D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15} == D_{23}D_{46}$ | $== D_{15}D_{23}D_{46}$ | $D_{15}D_{23} == D_{46}$ | $D_{23} == D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| | $D_{16} == D_{16}D_{37}D_{45}$ | $D_{37} == D_{37}D_{45}$ | $D_{16}D_{37} == D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24} == D_{36}$ | $D_{24} == D_{17}D_{36}$ | $D_{17} == D_{24}D_{36}$ | $== D_{17}D_{24}D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 7}{1, 4, 6}{2, 3, 6}{2, 7, 4}{3, 5, 4}{5, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $== D_{12}D_{34}D_{67}$ | $D_{12} == D_{34}D_{67}$ | $D_{34} == D_{12}D_{67}$ | $D_{12}D_{34} == D_{67}$ |
| | 3 | 4 | 7 |
| $== D_{14}D_{23}D_{57}$ | $D_{14} == D_{23}D_{57}$ | $D_{23} == D_{14}D_{57}$ | $D_{14}D_{23} == D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{24}D_{56}$ | $== D_{13}D_{24}D_{56}$ | $D_{13}D_{24} == D_{56}$ | $D_{24} == D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{36} == D_{47}$ | $D_{36} == D_{15}D_{47}$ | $D_{15} == D_{36}D_{47}$ | $== D_{15}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25} == D_{37}D_{46}$ | $== D_{25}D_{37}D_{46}$ | $D_{25}D_{37} == D_{46}$ | $D_{37} == D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| | $D_{17} == D_{17}D_{26}D_{45}$ | $D_{26} == D_{17}D_{45}$ | $D_{17}D_{26} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16} == D_{27}D_{35}$ | $== D_{16}D_{27}D_{35}$ | $D_{16}D_{27} == D_{35}$ | $D_{27} == D_{16}D_{35}$ |

E8#=191

flip=False split # ↓,

{1, 2, 6}{1, 4, 3}{1, 5, 7}{2, 5, 3}{2, 7, 4}{3, 7, 6}{4, 6, 5}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ | == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | == $D_{13}D_{27}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ |

flip=True split # ↓,

{1, 5, 2}{1, 7, 3}{1, 4, 6}{2, 3, 4}{2, 7, 6}{3, 6, 5}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | == $D_{25}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | == $D_{14}D_{27}D_{35}$ |

E8#=192

flip=False split # ↓,

{1, 2, 5}{1, 3, 6}{1, 7, 4}{2, 4, 3}{2, 7, 6}{3, 5, 7}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{34}$ | $D_{15}D_{34}$ |
| == | == | == | == |
| $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ | $D_{36}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{25}D_{47}$ | $D_{36}D_{47}$ | $D_{25}D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{12}D_{37}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 6}{1, 7, 4}{2, 7, 3}{2, 6, 4}{3, 4, 5}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{13}D_{24}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{36}$ | $D_{36}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{25}D_{47}$ | $D_{36}D_{47}$ | $D_{25}D_{36}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{37}$ | $D_{15}D_{37}$ |
| == | == | == | == |
| $D_{15}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{16}D_{27}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ | $D_{26}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{26}D_{35}$ |

E8#=193

flip=False split # ↓,

{1, 2, 3}{1, 4, 5}{1, 6, 7}{2, 4, 7}{2, 5, 6}{3, 4, 6}{3, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| == | $D_{23}$ == | $D_{45}$ == | $D_{23}D_{45}$ == |
| $D_{23}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{46}$ == | $D_{46}$ == | $D_{12}$ == | == |
| $D_{57}$ | $D_{12}D_{57}$ | $D_{46}D_{57}$ | $D_{12}D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == | == | $D_{13}D_{47}$ == | $D_{47}$ == |
| $D_{47}D_{56}$ | $D_{13}D_{47}D_{56}$ | $D_{56}$ | $D_{13}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == | $D_{14}D_{26}$ == | == | $D_{14}$ == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{26}D_{37}$ | $D_{26}D_{37}$ |
| | 2 | 4 | 6 |
| == | $D_{15}$ == | $D_{27}$ == | $D_{15}D_{27}$ == |
| $D_{15}D_{27}D_{36}$ | $D_{27}D_{36}$ | $D_{15}D_{36}$ | $D_{36}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{24}$ == | $D_{24}$ == | $D_{16}$ == | == |
| $D_{35}$ | $D_{16}D_{35}$ | $D_{24}D_{35}$ | $D_{16}D_{24}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == | == | $D_{17}D_{25}$ == | $D_{25}$ == |
| $D_{25}D_{34}$ | $D_{17}D_{25}D_{34}$ | $D_{34}$ | $D_{17}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 5, 4}{1, 6, 7}{2, 4, 6}{2, 5, 7}{3, 4, 7}{3, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{23}D_{45}$ == | $D_{45}$ == | $D_{23}$ == | == |
| $D_{67}$ | $D_{23}D_{67}$ | $D_{45}D_{67}$ | $D_{23}D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| | $D_{13}$ == | $D_{46}$ == | $D_{13}D_{46}$ == |
| == $D_{13}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{47}$ == | $D_{12}D_{47}$ == | == | $D_{12}$ == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{47}D_{56}$ | $D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == | == | $D_{15}D_{26}$ == | $D_{26}$ == |
| $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ | $D_{37}$ | $D_{15}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{27}$ == | $D_{27}$ == | $D_{14}$ == | == |
| $D_{36}$ | $D_{14}D_{36}$ | $D_{27}D_{36}$ | $D_{14}D_{27}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == | $D_{17}D_{24}$ == | == | $D_{17}$ == |
| $D_{17}D_{35}$ | $D_{35}$ | $D_{17}D_{24}D_{35}$ | $D_{24}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ == | $D_{25}$ == | $D_{16}D_{25}$ == |
| == $D_{16}D_{25}D_{34}$ | $D_{25}D_{34}$ | $D_{16}D_{34}$ | $D_{34}$ |

E8#=194

flip=False split # ↓,

{1, 3, 2}{1, 7, 4}{1, 6, 5}{2, 5, 4}{2, 7, 6}{3, 4, 6}{3, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}$ == $D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ | == $D_{12}D_{46}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 6, 4}{1, 7, 5}{2, 4, 5}{2, 7, 6}{3, 4, 7}{3, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{24}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

E8#=195

flip=False split # ↓,

{1, 2, 3}{1, 4, 7}{1, 6, 5}{2, 5, 4}{2, 6, 7}{3, 6, 4}{3, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ | == $D_{13}D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{46}D_{57}$ | == $D_{12}D_{46}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | == $D_{14}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 6}{1, 7, 5}{2, 4, 5}{2, 6, 7}{3, 7, 4}{3, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{47}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{24}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{27}D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{15}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ |

E8#=196

flip=False split # ↓,

{1, 5, 2}{1, 3, 6}{1, 4, 7}{2, 4, 3}{2, 6, 7}{3, 5, 7}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{24}D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}$ == $D_{36}D_{47}$ | == $D_{25}D_{36}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | == $D_{12}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 3, 6}{1, 4, 7}{2, 7, 3}{2, 4, 6}{3, 4, 5}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | == $D_{12}D_{34}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{23}D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25}$ == $D_{36}D_{47}$ | == $D_{25}D_{36}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ |

E8#=197

flip=False split # ↓,

{1, 6, 2}{1, 4, 3}{1, 7, 5}{2, 5, 3}{2, 4, 7}{3, 7, 6}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 7, 3}{1, 6, 4}{2, 3, 4}{2, 6, 7}{3, 6, 5}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ == $D_{37}D_{46}$ | == $D_{25}D_{37}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ |

E8#=198

flip=False split # ↓,

{1, 6, 2}{1, 3, 4}{1, 7, 5}{2, 7, 3}{2, 4, 5}{3, 6, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ | $D_{26}D_{34}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{14}D_{27}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{47}$ | $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ | $D_{23}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{16}D_{37}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 7}{1, 6, 4}{2, 3, 6}{2, 4, 7}{3, 5, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{34}D_{67}$ | $D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{23}D_{57}$ | $D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{47}$ | $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ | $D_{37}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{25}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{45}$ | $D_{26}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{16}D_{27}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ |

E8#=199

flip=False split # ↓,

{1, 2, 6}{1, 3, 5}{1, 7, 4}{2, 3, 4}{2, 5, 7}{3, 7, 6}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ | $D_{35}$ | $D_{26}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{26}D_{47}$ | $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ | $D_{46}$ | $D_{13}D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{45}$ | $D_{37}D_{45}$ | $D_{12}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 5}{1, 7, 4}{2, 3, 7}{2, 4, 5}{3, 6, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ | $D_{56}$ | $D_{14}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ | $D_{35}$ | $D_{26}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{26}D_{47}$ | $D_{35}D_{47}$ | $D_{26}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ | $D_{15}D_{46}$ | $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ | $D_{17}D_{25}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ |

E8#=200

flip=False split # ↓,

{1, 2, 6}{1, 5, 3}{1, 4, 7}{2, 3, 4}{2, 5, 7}{3, 6, 7}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{67}$ | $D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{23}D_{56}$ | $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{26}D_{35}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{47}$ | $D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ | $D_{27}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{13}D_{46}$ | $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{14}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 5, 3}{1, 4, 7}{2, 3, 7}{2, 4, 5}{3, 4, 6}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{12}D_{57}$ | $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{14}D_{56}$ | $D_{23}D_{56}$ | $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{26}D_{35}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{47}$ | $D_{47}$ | $D_{26}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{15}D_{27}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{46}$ | $D_{46}$ | $D_{15}D_{27}D_{46}$ | $D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{45}$ | $D_{16}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |

E8#=201

flip=False split # ↓,

{1, 6, 2}{1, 4, 3}{1, 5, 7}{2, 7, 3}{2, 4, 5}{3, 5, 6}{4, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34}$ | $D_{34}$ | $D_{26}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{26}D_{57}$ | $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ | $D_{14}D_{56}$ | $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{12}D_{35}D_{47}$ | $D_{47}$ | $D_{12}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{46}$ | $D_{15}D_{23}D_{46}$ | $D_{46}$ | $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{37}$ | $D_{16}D_{37}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{45}$ | $D_{45}$ | $D_{16}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}D_{24}D_{36}$ | $D_{24}D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 7, 3}{1, 4, 6}{2, 3, 6}{2, 4, 7}{3, 4, 5}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{12}D_{67}$ | $D_{34}D_{67}$ | $D_{12}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{57}$ | $D_{23}D_{57}$ | $D_{14}D_{57}$ | $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{15}$ | | $D_{15}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{47}$ | $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{25}D_{37}$ | | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{46}$ | $D_{46}$ | $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{17}D_{26}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{45}$ | $D_{45}$ | $D_{17}D_{26}D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{16}$ | $D_{27}$ | $D_{16}D_{27}$ |
| == | == | == | == |
| $D_{16}D_{27}D_{35}$ | $D_{27}D_{35}$ | $D_{16}D_{35}$ | $D_{35}$ |

E8#=202

flip=False split # ↓,

{1, 6, 2}{1, 3, 4}{1, 5, 7}{2, 5, 3}{2, 4, 7}{3, 6, 7}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ | == $D_{67}$ | == $D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ == $D_{34}D_{57}$ | == $D_{26}D_{34}D_{57}$ | == $D_{57}$ | == $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{56}$ | == $D_{13}D_{27}D_{56}$ | == $D_{56}$ | == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{16}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}$ == $D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 7}{1, 4, 6}{2, 3, 4}{2, 6, 7}{3, 5, 6}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}$ == $D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}$ == $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{37}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}D_{37}$ == $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | == $D_{13}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |

E8#=203

flip=False split # ↓,

{1, 5, 2}{1, 6, 3}{1, 7, 4}{2, 4, 3}{2, 6, 7}{3, 7, 5}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{34}$ == $D_{15}D_{67}$ | $D_{15}D_{34}$ == $D_{67}$ | == $D_{15}D_{34}D_{67}$ | == $D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | == $D_{16}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{46}$ | $D_{12}D_{37}$ == $D_{46}$ | == $D_{12}D_{37}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ | == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ |

flip=True split # ↓,

{1, 5, 2}{1, 6, 3}{1, 7, 4}{2, 7, 3}{2, 4, 6}{3, 5, 4}{5, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ | == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ | == $D_{14}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{37}$ == $D_{15}D_{46}$ | $D_{15}D_{37}$ == $D_{46}$ | == $D_{15}D_{37}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |

E8#=204

flip=False split # ↓,

{1, 3, 2}{1, 7, 4}{1, 5, 6}{2, 4, 6}{2, 5, 7}{3, 5, 4}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{46}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}D_{46}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{35}$ | $D_{17}D_{26}$ == $D_{35}$ | == $D_{17}D_{26}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 6, 3}{1, 5, 7}{2, 3, 5}{2, 6, 7}{3, 7, 4}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| == $D_{14}D_{35}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}$ == $D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ |

E8#=205

flip=False split # ↓,

{1, 4, 2}{1, 3, 6}{1, 5, 7}{2, 3, 5}{2, 7, 6}{3, 7, 4}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ | $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{46}$ | == $D_{17}D_{23}D_{46}$ | $D_{17}D_{23}$ == $D_{46}$ | $D_{23}$ == $D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{13}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ | == $D_{13}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 7}{1, 5, 6}{2, 4, 6}{2, 7, 5}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | == $D_{13}D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{47}D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{23}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{24}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}D_{24}$ == $D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{16}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ |

E8#=206

flip=False split # ↓,

{1, 3, 2}{1, 4, 7}{1, 5, 6}{2, 4, 5}{2, 6, 7}{3, 4, 6}{3, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{13}$ | $D_{45}$ | $D_{13}D_{45}$ |
| == | == | == | == |
| $D_{13}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{46}$ | $D_{12}D_{46}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{57}$ | $D_{57}$ | $D_{12}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{23}$ | | $D_{23}D_{47}$ | $D_{47}$ |
| == | == | == | == |
| $D_{47}D_{56}$ | $D_{23}D_{47}D_{56}$ | $D_{56}$ | $D_{23}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{37}$ | $D_{16}D_{24}D_{37}$ | $D_{37}$ | $D_{16}D_{37}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{36}$ | $D_{25}D_{36}$ | $D_{17}D_{36}$ | $D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{26}D_{35}$ | $D_{14}D_{26}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{27}$ | $D_{15}D_{27}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{34}$ | $D_{34}$ | $D_{15}D_{27}D_{34}$ | $D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 6}{1, 5, 7}{2, 5, 4}{2, 6, 7}{3, 4, 7}{3, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{13}D_{45}$ | $D_{45}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{13}D_{67}$ | $D_{45}D_{67}$ | $D_{13}D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{23}$ | $D_{46}$ | $D_{23}D_{46}$ |
| == | == | == | == |
| $D_{23}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{23}D_{57}$ | $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{12}D_{56}$ | $D_{47}D_{56}$ | $D_{12}D_{47}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{16}D_{25}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{37}$ | $D_{37}$ | $D_{16}D_{25}D_{37}$ | $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{24}$ | $D_{24}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{17}D_{36}$ | $D_{24}D_{36}$ | $D_{17}D_{24}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ | $D_{35}$ | $D_{14}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{26}$ | $D_{15}D_{26}$ |
| == | == | == | == |
| $D_{15}D_{26}D_{34}$ | $D_{26}D_{34}$ | $D_{15}D_{34}$ | $D_{34}$ |

E8#=207

flip=False split # ↓,

{1, 4, 2}{1, 6, 3}{1, 7, 5}{2, 5, 3}{2, 6, 7}{3, 7, 4}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{14}D_{35}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{35}D_{67}$ | $D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{24}$ | $D_{36}$ | $D_{24}D_{36}$ |
| == | == | == | == |
| $D_{24}D_{36}D_{57}$ | $D_{36}D_{57}$ | $D_{24}D_{57}$ | $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ | $D_{12}D_{37}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{37}D_{56}$ | $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{45}$ | $D_{27}D_{45}$ | $D_{13}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{34}$ | $D_{34}$ | $D_{15}D_{26}D_{34}$ | $D_{26}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 7, 4}{1, 6, 5}{2, 6, 4}{2, 5, 7}{3, 5, 4}{3, 7, 6}

| | | | |
|---|---|---|---|
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{45}$ | $D_{12}D_{45}$ |
| == | == | == | == |
| $D_{12}D_{45}D_{67}$ | $D_{45}D_{67}$ | $D_{12}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{46}$ | $D_{13}D_{46}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{57}$ | $D_{57}$ | $D_{13}D_{46}D_{57}$ | $D_{46}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{23}$ | $D_{47}$ | $D_{23}D_{47}$ |
| == | == | == | == |
| $D_{23}D_{47}D_{56}$ | $D_{47}D_{56}$ | $D_{23}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{15}D_{37}$ | $D_{24}D_{37}$ | $D_{15}D_{24}D_{37}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}D_{25}D_{36}$ | $D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{35}$ | $D_{26}D_{35}$ | $D_{17}D_{35}$ | $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{34}$ | $D_{16}D_{27}D_{34}$ | $D_{34}$ | $D_{16}D_{34}$ |

E8#=208

flip=False split # ↓,

{1, 2, 3}{1, 4, 6}{1, 7, 5}{2, 4, 5}{2, 6, 7}{3, 4, 7}{3, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{13}$ == $D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{13}D_{45}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{47}D_{56}$ | $D_{12}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{14}D_{35}$ | $D_{14}D_{27}$ == $D_{35}$ | == $D_{14}D_{27}D_{35}$ | $D_{14}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}$ == $D_{26}D_{34}$ | == $D_{15}D_{26}D_{34}$ | $D_{15}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{15}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 7}{1, 6, 5}{2, 5, 4}{2, 6, 7}{3, 4, 6}{3, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{45}$ == $D_{13}D_{67}$ | $D_{13}D_{45}$ == $D_{67}$ | == $D_{13}D_{45}D_{67}$ | $D_{13}$ == $D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{46}D_{57}$ | == $D_{12}D_{46}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47}$ == $D_{23}D_{56}$ | $D_{23}D_{47}$ == $D_{56}$ | == $D_{23}D_{47}D_{56}$ | $D_{23}$ == $D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{24}D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{16}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{17}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{26}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}D_{26}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | == $D_{15}D_{27}D_{34}$ |

E8#=209

flip=False split # ↓,

{1, 2, 5}{1, 6, 3}{1, 7, 4}{2, 7, 3}{2, 4, 6}{3, 4, 5}{5, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{34} == D_{67}$ | $D_{34} == D_{12}D_{67}$ | $D_{12} == D_{34}D_{67}$ | $== D_{12}D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13} == D_{24}D_{57}$ | $== D_{13}D_{24}D_{57}$ | $D_{13}D_{24} == D_{57}$ | $D_{24} == D_{13}D_{57}$ |
| | 3 | 4 | 7 |
| $== D_{14}D_{23}D_{56}$ | $D_{14} == D_{23}D_{56}$ | $D_{23} == D_{14}D_{56}$ | $D_{14}D_{23} == D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25} == D_{36}D_{47}$ | $== D_{25}D_{36}D_{47}$ | $D_{25}D_{36} == D_{47}$ | $D_{36} == D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{37} == D_{46}$ | $D_{37} == D_{15}D_{46}$ | $D_{15} == D_{37}D_{46}$ | $== D_{15}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $== D_{16}D_{27}D_{45}$ | $D_{16} == D_{27}D_{45}$ | $D_{27} == D_{16}D_{45}$ | $D_{16}D_{27} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17} == D_{26}D_{35}$ | $== D_{17}D_{26}D_{35}$ | $D_{17}D_{26} == D_{35}$ | $D_{26} == D_{17}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 6, 3}{1, 7, 4}{2, 4, 3}{2, 6, 7}{3, 5, 7}{4, 6, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34} == D_{67}$ | $D_{34} == D_{15}D_{67}$ | $D_{15} == D_{34}D_{67}$ | $== D_{15}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $== D_{16}D_{24}D_{57}$ | $D_{16} == D_{24}D_{57}$ | $D_{24} == D_{16}D_{57}$ | $D_{16}D_{24} == D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17} == D_{23}D_{56}$ | $== D_{17}D_{23}D_{56}$ | $D_{17}D_{23} == D_{56}$ | $D_{23} == D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{25} == D_{36}D_{47}$ | $== D_{25}D_{36}D_{47}$ | $D_{25}D_{36} == D_{47}$ | $D_{36} == D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{37} == D_{12}D_{46}$ | $D_{12}D_{37} == D_{46}$ | $== D_{12}D_{37}D_{46}$ | $D_{12} == D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{27}D_{45}$ | $D_{13} == D_{27}D_{45}$ | $D_{27} == D_{13}D_{45}$ | $D_{13}D_{27} == D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14} == D_{26}D_{35}$ | $== D_{14}D_{26}D_{35}$ | $D_{14}D_{26} == D_{35}$ | $D_{26} == D_{14}D_{35}$ |

E8#=210

flip=False split # ↓,

{1, 5, 2}{1, 3, 7}{1, 4, 6}{2, 3, 4}{2, 6, 7}{3, 6, 5}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| | $D_{15}$ | $D_{34}$ | $D_{15}D_{34}$ |
| == | == | == | == |
| $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ | | $D_{16}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{47}$ | $D_{47}$ | $D_{12}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}$ | | $D_{25}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{25}D_{37}D_{46}$ | $D_{46}$ | $D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{26}$ | $D_{13}D_{26}$ |
| == | == | == | == |
| $D_{13}D_{26}D_{45}$ | $D_{26}D_{45}$ | $D_{13}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ | $D_{35}$ | $D_{14}D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 4}{1, 5, 7}{2, 5, 3}{2, 4, 7}{3, 7, 6}{4, 5, 6}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{26}$ | $D_{34}$ | $D_{26}D_{34}$ |
| == | == | == | == |
| $D_{26}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{26}D_{57}$ | $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{27}$ | $D_{13}D_{27}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{27}D_{56}$ | $D_{27}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{17}$ | $D_{23}$ | $D_{17}D_{23}$ |
| == | == | == | == |
| $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{45}$ | $D_{37}D_{45}$ | $D_{12}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{36}$ | $D_{15}D_{36}$ | $D_{24}D_{36}$ | $D_{15}D_{24}D_{36}$ |

E8#=211

flip=False split # ↓,

{1, 5, 2}{1, 7, 3}{1, 4, 6}{2, 3, 6}{2, 4, 7}{3, 5, 4}{5, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{34}D_{67}$ | == $D_{12}D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | == $D_{14}D_{23}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ | $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ |
| | 1 | 4 | 5 |
| == $D_{15}D_{36}D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{15}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{25}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{37}D_{46}$ | == $D_{25}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{26}D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 4, 3}{1, 5, 7}{2, 7, 3}{2, 4, 5}{3, 6, 5}{4, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{34}$ == $D_{26}D_{57}$ | $D_{26}D_{34}$ == $D_{57}$ | == $D_{26}D_{34}D_{57}$ | $D_{26}$ == $D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{27}$ == $D_{56}$ | $D_{27}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{27}D_{56}$ | == $D_{14}D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ | $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ | == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | == $D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{36}$ | == $D_{17}D_{24}D_{36}$ | $D_{17}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{17}D_{36}$ |

E8#=212

flip=False split # ↓,

{1, 6, 2}{1, 5, 3}{1, 4, 7}{2, 3, 7}{2, 4, 5}{3, 6, 4}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ | == $D_{67}$ | == $D_{13}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ | $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | == $D_{26}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ | $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 5, 3}{1, 4, 7}{2, 3, 4}{2, 5, 7}{3, 7, 6}{4, 5, 6}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ | $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ | == $D_{26}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{45}$ | == $D_{12}D_{37}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ |

E8#=213

flip=False split # ↓,

{1, 6, 2}{1, 3, 5}{1, 7, 4}{2, 3, 7}{2, 4, 5}{3, 4, 6}{5, 7, 6}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | $D_{34}$ == $D_{12}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{37}D_{45}$ | $D_{16}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{16}D_{45}$ | $D_{16}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{25}D_{36}$ | == $D_{17}D_{25}D_{36}$ | $D_{17}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{17}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 5}{1, 7, 4}{2, 3, 4}{2, 5, 7}{3, 6, 7}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | == $D_{15}D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{26}D_{47}$ | $D_{26}D_{35}$ == $D_{47}$ | == $D_{26}D_{35}D_{47}$ | $D_{26}$ == $D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{45}$ | $D_{12}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{12}D_{45}$ | $D_{12}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{25}D_{36}$ | == $D_{14}D_{25}D_{36}$ | $D_{14}D_{25}$ == $D_{36}$ | $D_{25}$ == $D_{14}D_{36}$ |

E8#=214

flip=False split # ↓,

{1, 5, 2}{1, 3, 7}{1, 6, 4}{2, 3, 6}{2, 4, 7}{3, 4, 5}{5, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{34} == D_{12}D_{67}$ | $D_{12}D_{34} == D_{67}$ | $== D_{12}D_{34}D_{67}$ | $D_{12} == D_{34}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14} == D_{23}D_{57}$ | $== D_{14}D_{23}D_{57}$ | $D_{14}D_{23} == D_{57}$ | $D_{23} == D_{14}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24} == D_{56}$ | $D_{24} == D_{13}D_{56}$ | $D_{13} == D_{24}D_{56}$ | $== D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| | $D_{15} == D_{36}D_{47}$ | $D_{36} == D_{15}D_{47}$ | $D_{15}D_{36} == D_{47}$ |
| | 1 | 2 | 3 |
| $D_{37} == D_{25}D_{46}$ | $D_{25}D_{37} == D_{46}$ | $== D_{25}D_{37}D_{46}$ | $D_{25} == D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{26} == D_{45}$ | $D_{26} == D_{17}D_{45}$ | $D_{17} == D_{26}D_{45}$ | $== D_{17}D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16} == D_{27}D_{35}$ | $== D_{16}D_{27}D_{35}$ | $D_{16}D_{27} == D_{35}$ | $D_{27} == D_{16}D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 4}{1, 7, 5}{2, 7, 3}{2, 4, 5}{3, 5, 6}{4, 7, 6}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13} == D_{25}D_{67}$ | $== D_{13}D_{25}D_{67}$ | $D_{13}D_{25} == D_{67}$ | $D_{25} == D_{13}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{34} == D_{57}$ | $D_{34} == D_{26}D_{57}$ | $D_{26} == D_{34}D_{57}$ | $== D_{26}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{14} == D_{27}D_{56}$ | $== D_{14}D_{27}D_{56}$ | $D_{14}D_{27} == D_{56}$ | $D_{27} == D_{14}D_{56}$ |
| | 1 | 6 | 7 |
| | $D_{12} == D_{12}D_{35}D_{47}$ | $D_{35} == D_{12}D_{47}$ | $D_{12}D_{35} == D_{47}$ |
| | 3 | 4 | 7 |
| | $D_{15} == D_{15}D_{23}D_{46}$ | $D_{23} == D_{15}D_{46}$ | $D_{15}D_{23} == D_{46}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{37} == D_{45}$ | $D_{37} == D_{16}D_{45}$ | $D_{16} == D_{37}D_{45}$ | $== D_{16}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24} == D_{36}$ | $D_{24} == D_{17}D_{36}$ | $D_{17} == D_{24}D_{36}$ | $== D_{17}D_{24}D_{36}$ |

E8#=215

flip=False split # ↓,

{1, 5, 2}{1, 7, 3}{1, 6, 4}{2, 3, 4}{2, 6, 7}{3, 5, 6}{4, 7, 5}

| | | | |
|---|---|---|---|
| | 1 | 4 | 5 |
| == | $D_{15}$ | $D_{34}$ | $D_{15}D_{34}$ |
| $D_{15}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{23}D_{57}$ | $D_{16}D_{23}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{36}D_{47}$ | $D_{12}D_{36}D_{47}$ |
| | 1 | 2 | 3 |
| | $D_{25}$ | $D_{37}$ | $D_{25}D_{37}$ |
| == | == | == | == |
| $D_{25}D_{37}D_{46}$ | $D_{37}D_{46}$ | $D_{25}D_{46}$ | $D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ | $D_{13}D_{26}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{45}$ | $D_{45}$ | $D_{13}D_{26}D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ | $D_{27}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{14}D_{35}$ | $D_{27}D_{35}$ | $D_{14}D_{27}D_{35}$ |

flip=True split # ↓,

{1, 2, 6}{1, 4, 3}{1, 7, 5}{2, 5, 3}{2, 4, 7}{3, 6, 7}{4, 6, 5}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{26}D_{34}D_{57}$ | $D_{57}$ | $D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{56}$ | $D_{27}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{17}D_{23}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{23}D_{46}$ | $D_{23}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{12}D_{37}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{36}$ | $D_{15}D_{24}D_{36}$ | $D_{36}$ | $D_{15}D_{36}$ |

E8#=216

flip=False split # ↓,

{1, 2, 5}{1, 3, 6}{1, 4, 7}{2, 7, 3}{2, 4, 6}{3, 5, 4}{5, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{34}$ == $D_{12}D_{67}$ | $D_{12}D_{34}$ == $D_{67}$ | == $D_{12}D_{34}D_{67}$ | == $D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{56}$ | $D_{14}D_{23}$ == $D_{56}$ | == $D_{14}D_{23}D_{56}$ | $D_{14}$ == $D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{45}$ | $D_{16}D_{27}$ == $D_{45}$ | == $D_{16}D_{27}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{17}D_{35}$ | $D_{17}$ == $D_{26}D_{35}$ | == $D_{17}D_{26}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 6}{1, 4, 7}{2, 4, 3}{2, 6, 7}{3, 7, 5}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{15}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{34}D_{67}$ | == $D_{15}D_{34}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{56}$ | $D_{23}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{23}D_{56}$ | == $D_{17}D_{23}D_{56}$ |
| | 1 | 2 | 3 |
| == $D_{25}D_{36}D_{47}$ | $D_{25}$ == $D_{36}D_{47}$ | $D_{36}$ == $D_{25}D_{47}$ | $D_{25}D_{36}$ == $D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{37}D_{46}$ | == $D_{12}D_{37}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{45}$ | $D_{13}D_{27}$ == $D_{45}$ | == $D_{13}D_{27}D_{45}$ | $D_{13}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ == $D_{35}$ | $D_{26}$ == $D_{14}D_{35}$ | $D_{14}$ == $D_{26}D_{35}$ | == $D_{14}D_{26}D_{35}$ |

E8#=217

flip=False split # ↓,

{1, 3, 2}{1, 4, 5}{1, 7, 6}{2, 7, 4}{2, 5, 6}{3, 6, 4}{3, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{45}$ == $D_{23}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ | == $D_{23}D_{45}D_{67}$ | $D_{23}$ == $D_{45}D_{67}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{46}D_{57}$ | $D_{12}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{12}D_{57}$ | $D_{12}D_{46}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{14}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ | == $D_{14}D_{26}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{15}D_{36}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{24}D_{35}$ | $D_{16}$ == $D_{24}D_{35}$ | $D_{24}$ == $D_{16}D_{35}$ | $D_{16}D_{24}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | == $D_{17}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 5, 4}{1, 7, 6}{2, 6, 4}{2, 5, 7}{3, 7, 4}{3, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{23}$ == $D_{45}D_{67}$ | == $D_{23}D_{45}D_{67}$ | $D_{23}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{46}D_{57}$ | == $D_{13}D_{46}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{47}D_{56}$ | == $D_{12}D_{47}D_{56}$ | $D_{12}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{15}D_{26}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ |
| | 3 | 4 | 7 |
| $D_{17}$ == $D_{24}D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ |

E8#=218

flip=False split # ↓,

{1, 2, 3}{1, 5, 4}{1, 6, 7}{2, 4, 6}{2, 5, 7}{3, 7, 4}{3, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{45} == D_{23}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23} == D_{45}D_{67}$ |
| 1 | 4 | 5 |
| $D_{13} == D_{46}D_{57}$ | $== D_{13}D_{46}D_{57}$ | $D_{13}D_{46} == D_{57}$ | $D_{46} == D_{13}D_{57}$ |
| 1 | 6 | 7 |
| $D_{47} == D_{12}D_{56}$ | $D_{12}D_{47} == D_{56}$ | $== D_{12}D_{47}D_{56}$ | $D_{12} == D_{47}D_{56}$ |
| 2 | 4 | 6 |
| $D_{26} == D_{15}D_{37}$ | $D_{15}D_{26} == D_{37}$ | $== D_{15}D_{26}D_{37}$ | $D_{15} == D_{26}D_{37}$ |
| 2 | 5 | 7 |
| $== D_{14}D_{27}D_{36}$ | $D_{14} == D_{27}D_{36}$ | $D_{27} == D_{14}D_{36}$ | $D_{14}D_{27} == D_{36}$ |
| 3 | 4 | 7 |
| $D_{17} == D_{24}D_{35}$ | $== D_{17}D_{24}D_{35}$ | $D_{17}D_{24} == D_{35}$ | $D_{24} == D_{17}D_{35}$ |
| 3 | 5 | 6 |
| $D_{16}D_{25} == D_{34}$ | $D_{25} == D_{16}D_{34}$ | $D_{16} == D_{25}D_{34}$ | $== D_{16}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 5}{1, 6, 7}{2, 4, 7}{2, 5, 6}{3, 6, 4}{3, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{23} == D_{45}D_{67}$ | $== D_{23}D_{45}D_{67}$ | $D_{23}D_{45} == D_{67}$ | $D_{45} == D_{23}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}D_{46} == D_{57}$ | $D_{46} == D_{12}D_{57}$ | $D_{12} == D_{46}D_{57}$ | $== D_{12}D_{46}D_{57}$ |
| 1 | 4 | 5 |
| $== D_{13}D_{47}D_{56}$ | $D_{13} == D_{47}D_{56}$ | $D_{47} == D_{13}D_{56}$ | $D_{13}D_{47} == D_{56}$ |
| 2 | 5 | 7 |
| $D_{14} == D_{26}D_{37}$ | $== D_{14}D_{26}D_{37}$ | $D_{14}D_{26} == D_{37}$ | $D_{26} == D_{14}D_{37}$ |
| 2 | 4 | 6 |
| $D_{15}D_{27} == D_{36}$ | $D_{27} == D_{15}D_{36}$ | $D_{15} == D_{27}D_{36}$ | $== D_{15}D_{27}D_{36}$ |
| 3 | 4 | 7 |
| $== D_{16}D_{24}D_{35}$ | $D_{16} == D_{24}D_{35}$ | $D_{24} == D_{16}D_{35}$ | $D_{16}D_{24} == D_{35}$ |
| 3 | 5 | 6 |
| $D_{25} == D_{17}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17} == D_{25}D_{34}$ |

E8#=219

flip=False split # ↓,

{1, 3, 2}{1, 4, 7}{1, 6, 5}{2, 6, 4}{2, 7, 5}{3, 5, 4}{3, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45} == D_{67}$ | $D_{45} == D_{12}D_{67}$ | $D_{12} == D_{45}D_{67}$ | $== D_{12}D_{45}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{13} == D_{46}D_{57}$ | $== D_{13}D_{46}D_{57}$ | $D_{13}D_{46} == D_{57}$ | $D_{46} == D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{47} == D_{23}D_{56}$ | $D_{23}D_{47} == D_{56}$ | $== D_{23}D_{47}D_{56}$ | $D_{23} == D_{47}D_{56}$ |
| | 3 | 4 | 7 |
| $== D_{15}D_{24}D_{37}$ | $D_{15} == D_{24}D_{37}$ | $D_{24} == D_{15}D_{37}$ | $D_{15}D_{24} == D_{37}$ |
| | 2 | 5 | 7 |
| $D_{25} == D_{14}D_{36}$ | $D_{14}D_{25} == D_{36}$ | $== D_{14}D_{25}D_{36}$ | $D_{14} == D_{25}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{17} == D_{26}D_{35}$ | $== D_{17}D_{26}D_{35}$ | $D_{17}D_{26} == D_{35}$ | $D_{26} == D_{17}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27} == D_{34}$ | $D_{27} == D_{16}D_{34}$ | $D_{16} == D_{27}D_{34}$ | $== D_{16}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 6}{1, 7, 5}{2, 5, 3}{2, 7, 6}{3, 7, 4}{4, 5, 6}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14} == D_{35}D_{67}$ | $== D_{14}D_{35}D_{67}$ | $D_{14}D_{35} == D_{67}$ | $D_{35} == D_{14}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{36} == D_{24}D_{57}$ | $D_{24}D_{36} == D_{57}$ | $== D_{24}D_{36}D_{57}$ | $D_{24} == D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{37}D_{56}$ | $== D_{12}D_{37}D_{56}$ | $D_{12}D_{37} == D_{56}$ | $D_{37} == D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25} == D_{16}D_{47}$ | $D_{16}D_{25} == D_{47}$ | $== D_{16}D_{25}D_{47}$ | $D_{16} == D_{25}D_{47}$ |
| | 3 | 4 | 7 |
| $D_{17} == D_{23}D_{46}$ | $== D_{17}D_{23}D_{46}$ | $D_{17}D_{23} == D_{46}$ | $D_{23} == D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $== D_{13}D_{27}D_{45}$ | $D_{13} == D_{27}D_{45}$ | $D_{27} == D_{13}D_{45}$ | $D_{13}D_{27} == D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{15}D_{26}D_{34}$ | $D_{15} == D_{26}D_{34}$ | $D_{26} == D_{15}D_{34}$ | $D_{15}D_{26} == D_{34}$ |

E8#=220

flip=False split # ↓,

{1, 2, 4}{1, 6, 3}{1, 7, 5}{2, 7, 3}{2, 5, 6}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{36}D_{57}$ | == $D_{24}D_{36}D_{57}$ | $D_{24}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}$ == $D_{37}D_{56}$ | == $D_{14}D_{37}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ |
| | 3 | 4 | 7 |
| == $D_{15}D_{23}D_{46}$ | $D_{15}$ == $D_{23}D_{46}$ | $D_{23}$ == $D_{15}D_{46}$ | $D_{15}D_{23}$ == $D_{46}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{45}$ | $D_{27}$ == $D_{16}D_{45}$ | $D_{16}$ == $D_{27}D_{45}$ | == $D_{16}D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 5, 3}{1, 7, 6}{2, 3, 7}{2, 5, 6}{3, 6, 4}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{24}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ | == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{14}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{14}D_{56}$ | $D_{14}D_{37}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{27}D_{46}$ | == $D_{15}D_{27}D_{46}$ | $D_{15}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{15}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ | == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{25}D_{34}$ | == $D_{17}D_{25}D_{34}$ |

E8#=221

flip=False split # ↓,

{1, 4, 2}{1, 3, 7}{1, 6, 5}{2, 3, 6}{2, 5, 7}{3, 5, 4}{4, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{35}$ == $D_{12}D_{67}$ | $D_{12}D_{35}$ == $D_{67}$ | == $D_{12}D_{35}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{26}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ | $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 7, 3}{1, 6, 5}{2, 3, 5}{2, 6, 7}{3, 6, 4}{4, 7, 5}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{12}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ | == $D_{12}D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ | == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ | $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ |

E8#=222

flip=False split # ↓,

{1, 5, 2}{1, 4, 3}{1, 7, 6}{2, 6, 3}{2, 4, 7}{3, 7, 5}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{25}$ | $D_{34}$ | $D_{25}D_{34}$ |
| == | == | == | == |
| $D_{25}D_{34}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{27}$ | $D_{13}D_{27}$ |
| == | == | == | == |
| $D_{13}D_{27}D_{56}$ | $D_{27}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| $D_{36}$ | $D_{15}D_{36}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{36}D_{47}$ | $D_{36}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{46}$ | $D_{12}D_{37}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}$ | | $D_{17}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{45}$ | $D_{17}D_{23}D_{45}$ | $D_{45}$ | $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{16}D_{24}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}D_{24}D_{35}$ | $D_{24}D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 3, 4}{1, 7, 6}{2, 7, 3}{2, 4, 6}{3, 6, 5}{4, 7, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{25}D_{34}$ | $D_{34}$ | $D_{25}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{25}D_{67}$ | $D_{34}D_{67}$ | $D_{25}D_{34}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{13}D_{26}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{27}$ | $D_{14}D_{27}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{56}$ | $D_{56}$ | $D_{14}D_{27}D_{56}$ | $D_{27}D_{56}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{36}$ | $D_{12}D_{36}$ |
| == | == | == | == |
| $D_{12}D_{36}D_{47}$ | $D_{36}D_{47}$ | $D_{12}D_{47}$ | $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{15}D_{37}$ | $D_{37}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{15}D_{46}$ | $D_{37}D_{46}$ | $D_{15}D_{37}D_{46}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| == | == | == | == |
| $D_{16}D_{23}D_{45}$ | $D_{23}D_{45}$ | $D_{16}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{24}$ | $D_{24}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{35}$ | $D_{17}D_{35}$ | $D_{24}D_{35}$ | $D_{17}D_{24}D_{35}$ |

E8#=223

flip=False split # ↓,

{1, 5, 2}{1, 3, 4}{1, 6, 7}{2, 6, 3}{2, 4, 7}{3, 5, 7}{4, 5, 6}

| 1 | 2 | 3 |
|---|---|---|
| $D_{25}$ == $D_{34}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | $D_{34}$ == $D_{25}D_{67}$ |
| 2 | 4 | 6 |
| $D_{14}$ == $D_{26}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ |
| 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{56}$ | $D_{13}D_{27}$ == $D_{56}$ | $D_{13}$ == $D_{27}D_{56}$ |
| 1 | 4 | 5 |
| $D_{36}$ == $D_{15}D_{47}$ | $D_{15}D_{36}$ == $D_{47}$ | $D_{15}$ == $D_{36}D_{47}$ |
| 1 | 6 | 7 |
| $D_{12}$ == $D_{12}D_{37}D_{46}$ | $D_{37}$ == $D_{37}D_{46}$ | $D_{12}D_{37}$ == $D_{12}D_{46}$ |
| 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $D_{16}$ == $D_{16}D_{24}D_{35}$ | $D_{24}$ == $D_{24}D_{35}$ | $D_{16}D_{24}$ == $D_{16}D_{35}$ |
| | | $D_{35}$ |

flip=True split # ↓,

{1, 2, 5}{1, 4, 3}{1, 6, 7}{2, 7, 3}{2, 4, 6}{3, 5, 6}{4, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{34}$ == $D_{25}D_{67}$ | $D_{25}D_{34}$ == $D_{67}$ | == $D_{25}D_{34}D_{67}$ | $D_{25}$ == $D_{34}D_{67}$ |
| 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{57}$ | $D_{26}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ | == $D_{13}D_{26}D_{57}$ |
| 2 | 4 | 6 |
| $D_{14}$ == $D_{14}D_{27}D_{56}$ | $D_{27}$ == $D_{27}D_{56}$ | $D_{14}D_{27}$ == $D_{14}D_{56}$ | $D_{56}$ |
| 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{47}$ | == $D_{12}D_{36}D_{47}$ | $D_{12}D_{36}$ == $D_{47}$ | $D_{36}$ == $D_{12}D_{47}$ |
| 1 | 4 | 5 |
| $D_{15}D_{37}$ == $D_{46}$ | $D_{37}$ == $D_{15}D_{46}$ | $D_{15}$ == $D_{37}D_{46}$ | == $D_{15}D_{37}D_{46}$ |
| 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{45}$ | $D_{16}D_{23}$ == $D_{45}$ | == $D_{16}D_{23}D_{45}$ | $D_{16}$ == $D_{23}D_{45}$ |
| 3 | 5 | 6 |
| $D_{17}$ == $D_{24}D_{35}$ | == $D_{17}D_{24}D_{35}$ | $D_{17}D_{24}$ == $D_{35}$ | $D_{24}$ == $D_{17}D_{35}$ |

E8#=224

flip=False split # ↓,

{1, 4, 2}{1, 7, 3}{1, 5, 6}{2, 3, 6}{2, 5, 7}{3, 4, 5}{4, 6, 7}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{35}D_{67}$ | == $D_{12}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{24}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | == $D_{24}D_{37}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{13}D_{46}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{17}D_{45}$ | $D_{17}D_{26}$ == $D_{45}$ | == $D_{17}D_{26}D_{45}$ | $D_{17}$ == $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{27}$ == $D_{34}$ | $D_{27}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{27}D_{34}$ | == $D_{16}D_{27}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 7}{1, 5, 6}{2, 3, 5}{2, 6, 7}{3, 4, 6}{4, 5, 7}

| | 1 | 4 | 5 |
|---|---|---|---|
| $D_{14}$ == $D_{35}D_{67}$ | == $D_{14}D_{35}D_{67}$ | $D_{14}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{57}$ | $D_{12}D_{36}$ == $D_{57}$ | == $D_{12}D_{36}D_{57}$ | $D_{12}$ == $D_{36}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{24}D_{37}D_{56}$ | $D_{24}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{24}D_{56}$ | $D_{24}D_{37}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ | == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ == $D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | == $D_{17}D_{25}D_{46}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{45}$ | $D_{13}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{13}D_{45}$ | $D_{13}D_{26}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{34}$ | $D_{15}D_{27}$ == $D_{34}$ | == $D_{15}D_{27}D_{34}$ | $D_{15}$ == $D_{27}D_{34}$ |

E8#=225

flip=False split # ↓,

{1, 2, 4}{1, 3, 6}{1, 5, 7}{2, 7, 3}{2, 5, 6}{3, 4, 5}{4, 6, 7}

| 1 | 6 | 7 |
|---|---|---|
| $D_{35} == D_{12}D_{67}$ | $D_{12}D_{35} == D_{67}$ | $== D_{12}D_{35}D_{67}$ | $== D_{35}D_{67}$ |
| 1 | 2 | 3 |
| $== D_{24}D_{36}D_{57}$ | $D_{24} == D_{36}D_{57}$ | $D_{36} == D_{24}D_{57}$ | $D_{24}D_{36} == D_{57}$ |
| 1 | 4 | 5 |
| $D_{14}D_{37} == D_{56}$ | $D_{37} == D_{14}D_{56}$ | $D_{14} == D_{37}D_{56}$ | $== D_{14}D_{37}D_{56}$ |
| 2 | 5 | 7 |
| $D_{13}D_{25} == D_{47}$ | $D_{25} == D_{13}D_{47}$ | $D_{13} == D_{25}D_{47}$ | $== D_{13}D_{25}D_{47}$ |
| 3 | 4 | 7 |
| $D_{23} == D_{15}D_{46}$ | $D_{15}D_{23} == D_{46}$ | $== D_{15}D_{23}D_{46}$ | $D_{15} == D_{23}D_{46}$ |
| 2 | 4 | 6 |
| $D_{16} == D_{27}D_{45}$ | $== D_{16}D_{27}D_{45}$ | $D_{16}D_{27} == D_{45}$ | $D_{27} == D_{16}D_{45}$ |
| 3 | 5 | 6 |
| $D_{17}D_{26} == D_{34}$ | $D_{26} == D_{17}D_{34}$ | $D_{17} == D_{26}D_{34}$ | $== D_{17}D_{26}D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 3, 5}{1, 6, 7}{2, 3, 7}{2, 5, 6}{3, 4, 6}{4, 5, 7}

| 1 | 2 | 3 |
|---|---|---|
| $D_{24} == D_{35}D_{67}$ | $== D_{24}D_{35}D_{67}$ | $D_{24}D_{35} == D_{67}$ | $D_{35} == D_{24}D_{67}$ |
| 1 | 6 | 7 |
| $D_{12}D_{36} == D_{57}$ | $D_{36} == D_{12}D_{57}$ | $D_{12} == D_{36}D_{57}$ | $== D_{12}D_{36}D_{57}$ |
| 1 | 4 | 5 |
| $== D_{14}D_{37}D_{56}$ | $D_{14} == D_{37}D_{56}$ | $D_{37} == D_{14}D_{56}$ | $D_{14}D_{37} == D_{56}$ |
| 2 | 5 | 7 |
| $D_{13} == D_{26}D_{47}$ | $== D_{13}D_{26}D_{47}$ | $D_{13}D_{26} == D_{47}$ | $D_{26} == D_{13}D_{47}$ |
| 2 | 4 | 6 |
| $D_{15}D_{27} == D_{46}$ | $D_{27} == D_{15}D_{46}$ | $D_{15} == D_{27}D_{46}$ | $== D_{15}D_{27}D_{46}$ |
| 3 | 4 | 7 |
| $== D_{16}D_{23}D_{45}$ | $D_{16} == D_{23}D_{45}$ | $D_{23} == D_{16}D_{45}$ | $D_{16}D_{23} == D_{45}$ |
| 3 | 5 | 6 |
| $D_{17} == D_{25}D_{34}$ | $== D_{17}D_{25}D_{34}$ | $D_{17}D_{25} == D_{34}$ | $D_{25} == D_{17}D_{34}$ |

E8#=226

flip=False split # ↓,

{1, 7, 2}{1, 3, 5}{1, 4, 6}{2, 3, 6}{2, 5, 4}{3, 7, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{67}$ | $D_{67}$ | $D_{13}D_{24}D_{67}$ | $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ | $D_{23}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{23}D_{57}$ | $D_{14}D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ | $D_{34}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{12}D_{56}$ | $D_{34}D_{56}$ | $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| | $D_{15}$ | $D_{26}$ | $D_{15}D_{26}$ |
| == | == | == | == |
| $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ | $D_{15}D_{47}$ | $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{46}$ | $D_{27}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{37}$ | $D_{16}D_{25}D_{37}$ | $D_{37}$ | $D_{16}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 6, 3}{1, 4, 5}{2, 5, 3}{2, 6, 4}{3, 7, 4}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{14}D_{23}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{57}$ | $D_{24}D_{57}$ | $D_{13}D_{57}$ | $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{56}$ | $D_{56}$ | $D_{12}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{25}D_{47}$ | $D_{16}D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{35}$ | $D_{17}D_{35}$ |
| == | == | == | == |
| $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ | $D_{27}D_{36}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{45}$ | $D_{45}$ | $D_{27}D_{36}D_{45}$ | $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{37}$ | $D_{15}D_{26}D_{37}$ | $D_{37}$ | $D_{15}D_{37}$ |

E8#=227

flip=False split # ↓,

{1, 7, 2}{1, 3, 6}{1, 4, 5}{2, 4, 3}{2, 6, 5}{3, 7, 5}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ | == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{34}D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{25}D_{47}$ | == $D_{13}D_{25}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{13}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{14}D_{26}D_{37}$ | $D_{14}$ == $D_{26}D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 5}{1, 4, 6}{2, 3, 4}{2, 6, 5}{3, 7, 6}{4, 5, 7}

| | 2 | 4 | 6 |
|---|---|---|---|
| == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ | == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ | == $D_{13}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ |

E8#=228

flip=False split # ↓,

{1, 2, 7}{1, 3, 4}{1, 5, 6}{2, 6, 3}{2, 5, 4}{3, 7, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{14}D_{26}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{57}$ | $D_{57}$ | $D_{14}D_{26}D_{57}$ | $D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{34}$ | $D_{27}D_{34}$ |
| == | == | == | == |
| $D_{27}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{56}$ | $D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{47}$ | $D_{15}D_{23}D_{47}$ | $D_{47}$ | $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35}$ | $D_{12}D_{35}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{46}$ | $D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{36}$ | $D_{17}D_{36}$ |
| == | == | == | == |
| $D_{17}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{16}D_{37}$ | $D_{24}D_{37}$ | $D_{16}D_{24}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 4, 3}{1, 5, 6}{2, 5, 3}{2, 6, 4}{3, 7, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}D_{25}$ | $D_{25}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{14}D_{67}$ | $D_{25}D_{67}$ | $D_{14}D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{13}D_{26}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ | $D_{34}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{27}D_{56}$ | $D_{34}D_{56}$ | $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| | $D_{16}$ | $D_{23}$ | $D_{16}D_{23}$ |
| == | == | == | == |
| $D_{16}D_{23}D_{47}$ | $D_{23}D_{47}$ | $D_{16}D_{47}$ | $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{17}D_{35}D_{46}$ | $D_{46}$ | $D_{17}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36}$ | $D_{36}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{12}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{37}$ | $D_{37}$ | $D_{15}D_{24}D_{37}$ | $D_{24}D_{37}$ |

E8#=229

flip=False split # ↓,

{1, 2, 6}{1, 7, 3}{1, 5, 4}{2, 5, 3}{2, 4, 7}{3, 4, 6}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| | $D_{14}$ | $D_{23}$ | $D_{14}D_{23}$ |
| == | == | == | == |
| $D_{14}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{14}D_{67}$ | $D_{67}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{34}$ | $D_{12}D_{34}$ |
| == | == | == | == |
| $D_{12}D_{34}D_{57}$ | $D_{34}D_{57}$ | $D_{12}D_{57}$ | $D_{57}$ |
| | 2 | 5 | 7 |
| $D_{24}$ | $D_{13}D_{24}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{56}$ | $D_{56}$ | $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{35}$ | $D_{35}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{35}D_{47}$ | $D_{16}D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{25}$ | $D_{17}D_{25}$ |
| == | == | == | == |
| $D_{17}D_{25}D_{46}$ | $D_{25}D_{46}$ | $D_{17}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{36}$ | $D_{15}D_{27}D_{36}$ | $D_{36}$ | $D_{15}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 7}{1, 5, 4}{2, 4, 3}{2, 5, 7}{3, 5, 6}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}$ | | $D_{15}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{67}$ | $D_{15}D_{23}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{16}D_{34}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}$ | | $D_{17}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{56}$ | $D_{17}D_{24}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{47}$ | $D_{12}D_{35}D_{47}$ | $D_{47}$ | $D_{12}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ | $D_{25}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{13}D_{46}$ | $D_{25}D_{46}$ | $D_{13}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{26}D_{37}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{36}$ | $D_{27}D_{36}$ | $D_{14}D_{36}$ | $D_{36}$ |

E8#=230

flip=False split # ↓,

{1, 7, 2}{1, 5, 3}{1, 6, 4}{2, 6, 3}{2, 4, 5}{3, 7, 4}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ | $D_{24}$ == $D_{13}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}$ == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ | == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 6}{1, 5, 4}{2, 3, 5}{2, 4, 6}{3, 7, 4}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ | == $D_{15}D_{26}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ |

E8#=231

flip=False split # ↓,

{1, 7, 2}{1, 6, 3}{1, 5, 4}{2, 3, 4}{2, 5, 6}{3, 7, 5}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| | $D_{17}$ | $D_{34}$ | $D_{17}D_{34}$ |
| == | == | == | == |
| $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}D_{25}D_{47}$ | $D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{12}D_{46}$ | $D_{35}D_{46}$ | $D_{12}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| | $D_{27}$ | $D_{36}$ | $D_{27}D_{36}$ |
| == | == | == | == |
| $D_{27}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{14}D_{37}$ | $D_{26}D_{37}$ | $D_{14}D_{26}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 5, 3}{1, 6, 4}{2, 4, 3}{2, 5, 6}{3, 7, 6}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{15}D_{24}$ | $D_{24}$ | $D_{15}$ | |
| == | == | == | == |
| $D_{67}$ | $D_{15}D_{67}$ | $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{16}D_{23}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{23}D_{57}$ | $D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ | $D_{34}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{17}D_{56}$ | $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{26}$ | $D_{13}D_{26}$ |
| == | == | == | == |
| $D_{13}D_{26}D_{47}$ | $D_{26}D_{47}$ | $D_{13}D_{47}$ | $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{46}$ | $D_{27}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{36}$ | $D_{12}D_{36}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{45}$ | $D_{45}$ | $D_{12}D_{36}D_{45}$ | $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{37}$ | $D_{14}D_{25}D_{37}$ | $D_{37}$ | $D_{14}D_{37}$ |

E8#=232

flip=False split # ↓,

{1, 2, 7}{1, 4, 3}{1, 6, 5}{2, 3, 6}{2, 4, 5}{3, 7, 5}{4, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{13}D_{25} == D_{67}$ | $D_{25} == D_{13}D_{67}$ | $D_{13} == D_{25}D_{67}$ | $== D_{13}D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14} == D_{26}D_{57}$ | $== D_{14}D_{26}D_{57}$ | $D_{14}D_{26} == D_{57}$ | $D_{26} == D_{14}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27} == D_{34}D_{56}$ | $== D_{27}D_{34}D_{56}$ | $D_{27}D_{34} == D_{56}$ | $D_{34} == D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23} == D_{15}D_{47}$ | $D_{15}D_{23} == D_{47}$ | $== D_{15}D_{23}D_{47}$ | $D_{15} == D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{35} == D_{12}D_{46}$ | $D_{12}D_{35} == D_{46}$ | $== D_{12}D_{35}D_{46}$ | $D_{12} == D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17} == D_{36}D_{45}$ | $== D_{17}D_{36}D_{45}$ | $D_{17}D_{36} == D_{45}$ | $D_{36} == D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $== D_{16}D_{24}D_{37}$ | $D_{16} == D_{24}D_{37}$ | $D_{24} == D_{16}D_{37}$ | $D_{16}D_{24} == D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 4}{1, 6, 5}{2, 3, 5}{2, 4, 6}{3, 7, 6}{4, 5, 7}

| | 2 | 4 | 6 |
|---|---|---|---|
| $== D_{14}D_{25}D_{67}$ | $D_{14} == D_{25}D_{67}$ | $D_{25} == D_{14}D_{67}$ | $D_{14}D_{25} == D_{67}$ |
| | 2 | 5 | 7 |
| $D_{26} == D_{13}D_{57}$ | $D_{13}D_{26} == D_{57}$ | $== D_{13}D_{26}D_{57}$ | $D_{13} == D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34} == D_{27}D_{56}$ | $D_{27}D_{34} == D_{56}$ | $== D_{27}D_{34}D_{56}$ | $D_{27} == D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23} == D_{47}$ | $D_{23} == D_{16}D_{47}$ | $D_{16} == D_{23}D_{47}$ | $== D_{16}D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $== D_{17}D_{35}D_{46}$ | $D_{17} == D_{35}D_{46}$ | $D_{35} == D_{17}D_{46}$ | $D_{17}D_{35} == D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{36} == D_{45}$ | $D_{36} == D_{12}D_{45}$ | $D_{12} == D_{36}D_{45}$ | $== D_{12}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15} == D_{24}D_{37}$ | $== D_{15}D_{24}D_{37}$ | $D_{15}D_{24} == D_{37}$ | $D_{24} == D_{15}D_{37}$ |

E8#=233

flip=False split # ↓,

{1, 2, 6}{1, 7, 3}{1, 4, 5}{2, 4, 3}{2, 5, 7}{3, 5, 6}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}D_{34}$ | $D_{34}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ |
| | 2 | 4 | 6 |
| | $D_{17}$ | $D_{24}$ | $D_{17}D_{24}$ |
| == | == | == | == |
| $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{17}D_{56}$ | $D_{56}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{47}$ | $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ | $D_{13}D_{25}$ | | $D_{13}$ |
| == | == | == | == |
| $D_{13}D_{46}$ | $D_{46}$ | $D_{13}D_{25}D_{46}$ | $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{26}D_{37}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ | | $D_{14}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{36}$ | $D_{14}D_{27}D_{36}$ | $D_{36}$ | $D_{14}D_{36}$ |

flip=True split # ↓,

{1, 6, 2}{1, 3, 7}{1, 4, 5}{2, 5, 3}{2, 4, 7}{3, 4, 6}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{67}$ | $D_{14}D_{23}D_{67}$ | $D_{67}$ | $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{12}D_{34}D_{57}$ | $D_{57}$ | $D_{12}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ | $D_{24}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{13}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{16}D_{35}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{47}$ | $D_{47}$ | $D_{16}D_{35}D_{47}$ | $D_{35}D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}$ | | $D_{17}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{46}$ | $D_{17}D_{25}D_{46}$ | $D_{46}$ | $D_{17}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{27}$ | $D_{15}D_{27}$ |
| == | == | == | == |
| $D_{15}D_{27}D_{36}$ | $D_{27}D_{36}$ | $D_{15}D_{36}$ | $D_{36}$ |

E8#=234

flip=False split # ↓,

{1, 3, 2}{1, 6, 4}{1, 5, 7}{2, 4, 7}{2, 5, 6}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ | == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ |

flip=True split # ↓,

{1, 4, 2}{1, 5, 3}{1, 6, 7}{2, 3, 6}{2, 5, 7}{3, 7, 4}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ | == $D_{16}D_{25}D_{34}$ |

E8#=235

flip=False split # ↓,

{1, 2, 7}{1, 3, 5}{1, 6, 4}{2, 6, 3}{2, 5, 4}{3, 4, 7}{5, 6, 7}

| | 2 | 5 | 7 |
|---|---|---|---|
| $D_{24}$ == $D_{13}D_{67}$ | $D_{13}D_{24}$ == $D_{67}$ | == $D_{13}D_{24}D_{67}$ | $D_{13}$ == $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| == $D_{14}D_{23}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}D_{23}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | == $D_{16}D_{25}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 6, 3}{1, 5, 4}{2, 3, 5}{2, 6, 4}{3, 4, 7}{5, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ == $D_{23}D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{24}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}D_{24}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{25}$ == $D_{16}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}$ == $D_{25}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | == $D_{15}D_{26}D_{37}$ |

E8#=236

flip=False split # ↓,

{1, 2, 7}{1, 3, 6}{1, 5, 4}{2, 3, 4}{2, 6, 5}{3, 5, 7}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{24}$ | $D_{24}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{16}D_{57}$ | $D_{24}D_{57}$ | $D_{16}D_{24}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{34}$ | $D_{17}D_{34}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{47}$ | $D_{13}D_{25}D_{47}$ | $D_{47}$ | $D_{13}D_{47}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{35}$ | $D_{12}D_{35}$ |
| == | == | == | == |
| $D_{12}D_{35}D_{46}$ | $D_{35}D_{46}$ | $D_{12}D_{46}$ | $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{36}$ | $D_{36}$ | $D_{27}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{27}D_{45}$ | $D_{36}D_{45}$ | $D_{27}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{26}$ | $D_{14}D_{26}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{37}$ | $D_{37}$ | $D_{14}D_{26}D_{37}$ | $D_{26}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 5}{1, 6, 4}{2, 4, 3}{2, 6, 5}{3, 6, 7}{4, 5, 7}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{15}$ | | $D_{15}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{67}$ | $D_{15}D_{24}D_{67}$ | $D_{67}$ | $D_{15}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{16}D_{23}$ | | $D_{16}$ |
| == | == | == | == |
| $D_{16}D_{57}$ | $D_{57}$ | $D_{16}D_{23}D_{57}$ | $D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}$ | | $D_{17}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{17}D_{34}D_{56}$ | $D_{56}$ | $D_{17}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{26}$ | $D_{26}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{13}D_{47}$ | $D_{26}D_{47}$ | $D_{13}D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ | $D_{27}D_{35}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{46}$ | $D_{27}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{36}$ | $D_{36}$ |
| == | == | == | == |
| $D_{36}D_{45}$ | $D_{12}D_{36}D_{45}$ | $D_{45}$ | $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{25}$ | $D_{14}D_{25}$ |
| == | == | == | == |
| $D_{14}D_{25}D_{37}$ | $D_{25}D_{37}$ | $D_{14}D_{37}$ | $D_{37}$ |

E8#=237

flip=False split # ↓,

{1, 7, 2}{1, 3, 4}{1, 6, 5}{2, 3, 6}{2, 5, 4}{3, 5, 7}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{25}$ | $D_{13}D_{25}$ |
| == | == | == | == |
| $D_{13}D_{25}D_{67}$ | $D_{25}D_{67}$ | $D_{13}D_{67}$ | $D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}D_{26}$ | $D_{26}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{26}D_{57}$ | $D_{14}D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{34}$ | $D_{27}D_{34}$ | | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{56}$ | $D_{56}$ | $D_{27}D_{34}D_{56}$ | $D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{23}$ | $D_{15}D_{23}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{23}D_{47}$ | $D_{23}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ | | $D_{12}D_{35}$ | $D_{35}$ |
| == | == | == | == |
| $D_{35}D_{46}$ | $D_{12}D_{35}D_{46}$ | $D_{46}$ | $D_{12}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{36}$ | $D_{36}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{36}D_{45}$ | $D_{17}D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ | | $D_{16}D_{24}$ | $D_{24}$ |
| == | == | == | == |
| $D_{24}D_{37}$ | $D_{16}D_{24}D_{37}$ | $D_{37}$ | $D_{16}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 4, 3}{1, 6, 5}{2, 3, 5}{2, 6, 4}{3, 6, 7}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{25}$ | $D_{14}D_{25}$ | | $D_{14}$ |
| == | == | == | == |
| $D_{14}D_{67}$ | $D_{67}$ | $D_{14}D_{25}D_{67}$ | $D_{25}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{26}$ | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{57}$ | $D_{13}D_{26}D_{57}$ | $D_{57}$ | $D_{13}D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}$ | | $D_{27}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{56}$ | $D_{27}D_{34}D_{56}$ | $D_{56}$ | $D_{27}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{16}D_{23}$ | $D_{23}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{16}D_{47}$ | $D_{23}D_{47}$ | $D_{16}D_{23}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35}$ | $D_{17}D_{35}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{46}$ | $D_{46}$ | $D_{17}D_{35}D_{46}$ | $D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{36}$ | $D_{12}D_{36}$ |
| == | == | == | == |
| $D_{12}D_{36}D_{45}$ | $D_{36}D_{45}$ | $D_{12}D_{45}$ | $D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{15}$ | $D_{24}$ | $D_{15}D_{24}$ |
| == | == | == | == |
| $D_{15}D_{24}D_{37}$ | $D_{24}D_{37}$ | $D_{15}D_{37}$ | $D_{37}$ |

E8#=238

flip=False split # ↓,

{1, 6, 2}{1, 3, 7}{1, 4, 5}{2, 4, 3}{2, 7, 5}{3, 6, 5}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| | $D_{15}$ | $D_{23}$ | $D_{15}D_{23}$ |
| == | == | == | == |
| $D_{15}D_{23}D_{67}$ | $D_{23}D_{67}$ | $D_{15}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{16}$ | | $D_{16}D_{34}$ | $D_{34}$ |
| == | == | == | == |
| $D_{34}D_{57}$ | $D_{16}D_{34}D_{57}$ | $D_{57}$ | $D_{16}D_{57}$ |
| | 2 | 4 | 6 |
| $D_{24}$ | $D_{17}D_{24}$ | | $D_{17}$ |
| == | == | == | == |
| $D_{17}D_{56}$ | $D_{56}$ | $D_{17}D_{24}D_{56}$ | $D_{24}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ | $D_{35}$ | $D_{12}$ | |
| == | == | == | == |
| $D_{47}$ | $D_{12}D_{47}$ | $D_{35}D_{47}$ | $D_{12}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{25}$ | $D_{25}$ |
| == | == | == | == |
| $D_{25}D_{46}$ | $D_{13}D_{25}D_{46}$ | $D_{46}$ | $D_{13}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}$ | | $D_{26}D_{37}$ | $D_{37}$ |
| == | == | == | == |
| $D_{37}D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{45}$ | $D_{26}D_{45}$ |
| | 3 | 5 | 6 |
| | $D_{14}$ | $D_{27}$ | $D_{14}D_{27}$ |
| == | == | == | == |
| $D_{14}D_{27}D_{36}$ | $D_{27}D_{36}$ | $D_{14}D_{36}$ | $D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 7, 3}{1, 4, 5}{2, 5, 3}{2, 7, 4}{3, 6, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{14}$ | | $D_{14}D_{23}$ | $D_{23}$ |
| == | == | == | == |
| $D_{23}D_{67}$ | $D_{14}D_{23}D_{67}$ | $D_{67}$ | $D_{14}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ | $D_{12}D_{34}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{57}$ | $D_{57}$ | $D_{12}D_{34}D_{57}$ | $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| | $D_{13}$ | $D_{24}$ | $D_{13}D_{24}$ |
| == | == | == | == |
| $D_{13}D_{24}D_{56}$ | $D_{24}D_{56}$ | $D_{13}D_{56}$ | $D_{56}$ |
| | 1 | 4 | 5 |
| | $D_{16}$ | $D_{35}$ | $D_{16}D_{35}$ |
| == | == | == | == |
| $D_{16}D_{35}D_{47}$ | $D_{35}D_{47}$ | $D_{16}D_{47}$ | $D_{47}$ |
| | 2 | 4 | 6 |
| $D_{17}D_{25}$ | $D_{25}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{46}$ | $D_{17}D_{46}$ | $D_{25}D_{46}$ | $D_{17}D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{37}$ | $D_{26}D_{37}$ | | $D_{26}$ |
| == | == | == | == |
| $D_{26}D_{45}$ | $D_{45}$ | $D_{26}D_{37}D_{45}$ | $D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}$ | | $D_{15}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{36}$ | $D_{15}D_{27}D_{36}$ | $D_{36}$ | $D_{15}D_{36}$ |

E8#=239

flip=False split # ↓,

{1, 2, 3}{1, 4, 6}{1, 5, 7}{2, 4, 7}{2, 6, 5}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{23}D_{46}D_{57}$ | $D_{46}$ == $D_{46}D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ | == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 3, 5}{1, 6, 7}{2, 3, 6}{2, 7, 5}{3, 4, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ |
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ | == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ |

E8#=240

flip=False split # ↓,

{1, 4, 2}{1, 5, 3}{1, 7, 6}{2, 3, 6}{2, 7, 5}{3, 4, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| | $D_{24}$ | $D_{35}$ | $D_{24}D_{35}$ |
| == | == | == | == |
| $D_{24}D_{35}D_{67}$ | $D_{35}D_{67}$ | $D_{24}D_{67}$ | $D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36}$ | $D_{36}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{57}$ | $D_{14}D_{57}$ | $D_{36}D_{57}$ | $D_{14}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| | $D_{12}$ | $D_{37}$ | $D_{12}D_{37}$ |
| == | == | == | == |
| $D_{12}D_{37}D_{56}$ | $D_{37}D_{56}$ | $D_{12}D_{56}$ | $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ | $D_{15}D_{26}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{47}$ | $D_{47}$ | $D_{15}D_{26}D_{47}$ | $D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ | | $D_{13}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{46}$ | $D_{13}D_{27}D_{46}$ | $D_{46}$ | $D_{13}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ | $D_{23}$ | $D_{17}$ | |
| == | == | == | == |
| $D_{45}$ | $D_{17}D_{45}$ | $D_{23}D_{45}$ | $D_{17}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}D_{25}$ | $D_{25}$ | $D_{16}$ | |
| == | == | == | == |
| $D_{34}$ | $D_{16}D_{34}$ | $D_{25}D_{34}$ | $D_{16}D_{25}D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 6, 4}{1, 7, 5}{2, 4, 7}{2, 6, 5}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{45}$ | $D_{12}D_{45}$ | | $D_{12}$ |
| == | == | == | == |
| $D_{12}D_{67}$ | $D_{67}$ | $D_{12}D_{45}D_{67}$ | $D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| | $D_{23}$ | $D_{46}$ | $D_{23}D_{46}$ |
| == | == | == | == |
| $D_{23}D_{46}D_{57}$ | $D_{46}D_{57}$ | $D_{23}D_{57}$ | $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{47}$ | $D_{47}$ | $D_{13}$ | |
| == | == | == | == |
| $D_{56}$ | $D_{13}D_{56}$ | $D_{47}D_{56}$ | $D_{13}D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ | $D_{25}$ | $D_{14}$ | |
| == | == | == | == |
| $D_{37}$ | $D_{14}D_{37}$ | $D_{25}D_{37}$ | $D_{14}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{24}$ | $D_{15}D_{24}$ | | $D_{15}$ |
| == | == | == | == |
| $D_{15}D_{36}$ | $D_{36}$ | $D_{15}D_{24}D_{36}$ | $D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}$ | | $D_{16}D_{27}$ | $D_{27}$ |
| == | == | == | == |
| $D_{27}D_{35}$ | $D_{16}D_{27}D_{35}$ | $D_{35}$ | $D_{16}D_{35}$ |
| | 3 | 5 | 6 |
| | $D_{17}$ | $D_{26}$ | $D_{17}D_{26}$ |
| == | == | == | == |
| $D_{17}D_{26}D_{34}$ | $D_{26}D_{34}$ | $D_{17}D_{34}$ | $D_{34}$ |

E8#=241

flip=False split # ↓,

{1, 2, 7}{1, 5, 3}{1, 4, 6}{2, 3, 6}{2, 4, 5}{3, 4, 7}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{24}D_{67}$ | == $D_{13}D_{24}D_{67}$ | == $D_{67}$ | == $D_{13}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{14}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{14}D_{57}$ | $D_{14}$ == $D_{23}D_{57}$ | == $D_{14}D_{23}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{34}D_{56}$ | $D_{12}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{26}$ == $D_{15}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ |
| | 1 | 2 | 3 |
| $D_{35}$ == $D_{27}D_{46}$ | $D_{27}D_{35}$ == $D_{46}$ | == $D_{27}D_{35}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{17}$ == $D_{36}D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{25}D_{37}$ | $D_{16}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{16}D_{37}$ | $D_{16}D_{25}$ == $D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 3, 6}{1, 4, 5}{2, 5, 3}{2, 4, 6}{3, 4, 7}{5, 6, 7}

| | | | |
|---|---|---|---|
| | 3 | 4 | 7 |
| $D_{23}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{57}$ | $D_{24}$ == $D_{13}D_{57}$ | $D_{13}$ == $D_{24}D_{57}$ | == $D_{13}D_{24}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{34}D_{56}$ | == $D_{12}D_{34}D_{56}$ | $D_{12}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{16}$ == $D_{25}D_{47}$ | == $D_{16}D_{25}D_{47}$ | $D_{16}D_{25}$ == $D_{47}$ | $D_{25}$ == $D_{16}D_{47}$ |
| | 1 | 4 | 5 |
| $D_{35}$ == $D_{17}D_{46}$ | $D_{17}D_{35}$ == $D_{46}$ | == $D_{17}D_{35}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ |
| | 1 | 2 | 3 |
| $D_{27}$ == $D_{36}D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{27}D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{15}D_{26}D_{37}$ | $D_{15}$ == $D_{26}D_{37}$ | $D_{26}$ == $D_{15}D_{37}$ | $D_{15}D_{26}$ == $D_{37}$ |

E8#=242

flip=False split # ↓,

{1, 2, 7}{1, 6, 3}{1, 4, 5}{2, 4, 3}{2, 5, 6}{3, 5, 7}{4, 6, 7}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{24}D_{57}$ | $D_{16}$ == $D_{24}D_{57}$ | $D_{24}$ == $D_{16}D_{57}$ | $D_{16}D_{24}$ == $D_{57}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ | == $D_{17}D_{34}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{47}$ | $D_{13}D_{25}$ == $D_{47}$ | == $D_{13}D_{25}D_{47}$ | $D_{13}$ == $D_{25}D_{47}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{35}D_{46}$ | $D_{12}$ == $D_{35}D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{36}$ == $D_{27}D_{45}$ | $D_{27}D_{36}$ == $D_{45}$ | == $D_{27}D_{36}D_{45}$ | $D_{27}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}$ == $D_{26}D_{37}$ | == $D_{14}D_{26}D_{37}$ | $D_{14}D_{26}$ == $D_{37}$ | $D_{26}$ == $D_{14}D_{37}$ |

flip=True split # ↓,

{1, 7, 2}{1, 5, 3}{1, 4, 6}{2, 3, 4}{2, 5, 6}{3, 6, 7}{4, 5, 7}

| | 2 | 4 | 6 |
|---|---|---|---|
| $D_{24}$ == $D_{15}D_{67}$ | $D_{15}D_{24}$ == $D_{67}$ | == $D_{15}D_{24}D_{67}$ | $D_{15}$ == $D_{24}D_{67}$ |
| | 3 | 4 | 7 |
| $D_{16}$ == $D_{23}D_{57}$ | == $D_{16}D_{23}D_{57}$ | $D_{16}D_{23}$ == $D_{57}$ | $D_{23}$ == $D_{16}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{17}D_{34}D_{56}$ | $D_{17}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{17}D_{56}$ | $D_{17}D_{34}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{13}D_{26}D_{47}$ | $D_{13}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{13}D_{47}$ | $D_{13}D_{26}$ == $D_{47}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{27}D_{46}$ | $D_{27}$ == $D_{35}D_{46}$ | == $D_{27}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{36}D_{45}$ | == $D_{12}D_{36}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ |

E8#=243

flip=False split # ↓,

{1, 7, 2}{1, 4, 3}{1, 5, 6}{2, 6, 3}{2, 4, 5}{3, 5, 7}{4, 6, 7}

| | | | |
|---|---|---|---|
| | 2 | 5 | 7 |
| $D_{13}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{13}D_{67}$ | $D_{13}$ == $D_{25}D_{67}$ | == $D_{13}D_{25}D_{67}$ |
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{14}D_{26}D_{57}$ | $D_{26}$ == $D_{26}D_{57}$ | $D_{26}$ == $D_{14}D_{57}$ | $D_{14}D_{26}$ == $D_{57}$ |
| | 1 | 2 | 3 |
| $D_{27}D_{34}$ == $D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ | == $D_{27}D_{34}D_{56}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{23}D_{47}$ | == $D_{15}D_{23}D_{47}$ | $D_{15}D_{23}$ == $D_{47}$ | $D_{23}$ == $D_{15}D_{47}$ |
| | 1 | 6 | 7 |
| $D_{12}$ == $D_{35}D_{46}$ | == $D_{12}D_{35}D_{46}$ | $D_{12}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{12}D_{46}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{17}D_{45}$ | $D_{17}D_{36}$ == $D_{45}$ | == $D_{17}D_{36}D_{45}$ | $D_{17}$ == $D_{36}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{24}$ == $D_{16}D_{37}$ | $D_{16}D_{24}$ == $D_{37}$ | == $D_{16}D_{24}D_{37}$ | $D_{16}$ == $D_{24}D_{37}$ |

flip=True split # ↓,

{1, 2, 7}{1, 3, 4}{1, 5, 6}{2, 5, 3}{2, 4, 6}{3, 6, 7}{4, 5, 7}

| | | | |
|---|---|---|---|
| | 2 | 4 | 6 |
| $D_{14}$ == $D_{25}D_{67}$ | == $D_{14}D_{25}D_{67}$ | $D_{14}D_{25}$ == $D_{67}$ | $D_{25}$ == $D_{14}D_{67}$ |
| | 2 | 5 | 7 |
| $D_{26}$ == $D_{13}D_{57}$ | $D_{13}D_{26}$ == $D_{57}$ | == $D_{13}D_{26}D_{57}$ | $D_{13}$ == $D_{26}D_{57}$ |
| | 1 | 2 | 3 |
| == $D_{27}D_{34}D_{56}$ | $D_{27}$ == $D_{34}D_{56}$ | $D_{34}$ == $D_{27}D_{56}$ | $D_{27}D_{34}$ == $D_{56}$ |
| | 3 | 4 | 7 |
| == $D_{16}D_{23}D_{47}$ | $D_{16}$ == $D_{23}D_{47}$ | $D_{23}$ == $D_{16}D_{47}$ | $D_{16}D_{23}$ == $D_{47}$ |
| | 1 | 4 | 5 |
| $D_{17}D_{35}$ == $D_{46}$ | $D_{35}$ == $D_{17}D_{46}$ | $D_{17}$ == $D_{35}D_{46}$ | == $D_{17}D_{35}D_{46}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{36}D_{45}$ | $D_{12}$ == $D_{36}D_{45}$ | $D_{36}$ == $D_{12}D_{45}$ | $D_{12}D_{36}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{15}D_{24}$ == $D_{37}$ | $D_{24}$ == $D_{15}D_{37}$ | $D_{15}$ == $D_{24}D_{37}$ | == $D_{15}D_{24}D_{37}$ |

E8#=244

flip=False split # ↓,

{1, 6, 2}{1, 7, 3}{1, 5, 4}{2, 3, 4}{2, 5, 7}{3, 6, 5}{4, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{15}D_{23}$ == $D_{67}$ | $D_{23}$ == $D_{15}D_{67}$ | $D_{15}$ == $D_{23}D_{67}$ | == $D_{15}D_{23}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{16}D_{34}D_{57}$ | $D_{16}$ == $D_{34}D_{57}$ | $D_{34}$ == $D_{16}D_{57}$ | $D_{16}D_{34}$ == $D_{57}$ |
| | 2 | 4 | 6 |
| $D_{17}$ == $D_{24}D_{56}$ | == $D_{17}D_{24}D_{56}$ | $D_{17}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{17}D_{56}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{12}D_{47}$ | $D_{12}$ == $D_{35}D_{47}$ | == $D_{12}D_{35}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{25}$ == $D_{13}D_{46}$ | $D_{13}D_{25}$ == $D_{46}$ | == $D_{13}D_{25}D_{46}$ | $D_{13}$ == $D_{25}D_{46}$ |
| | 1 | 2 | 3 |
| == $D_{26}D_{37}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}D_{37}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{14}D_{27}$ == $D_{36}$ | $D_{27}$ == $D_{14}D_{36}$ | $D_{14}$ == $D_{27}D_{36}$ | == $D_{14}D_{27}D_{36}$ |

flip=True split # ↓,

{1, 2, 6}{1, 3, 7}{1, 5, 4}{2, 3, 5}{2, 4, 7}{3, 6, 4}{5, 7, 6}

| | 3 | 4 | 7 |
|---|---|---|---|
| $D_{23}$ == $D_{14}D_{67}$ | $D_{14}D_{23}$ == $D_{67}$ | == $D_{14}D_{23}D_{67}$ | $D_{14}$ == $D_{23}D_{67}$ |
| | 1 | 6 | 7 |
| $D_{34}$ == $D_{12}D_{57}$ | $D_{12}D_{34}$ == $D_{57}$ | == $D_{12}D_{34}D_{57}$ | $D_{12}$ == $D_{34}D_{57}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{24}$ == $D_{56}$ | $D_{24}$ == $D_{13}D_{56}$ | $D_{13}$ == $D_{24}D_{56}$ | == $D_{13}D_{24}D_{56}$ |
| | 1 | 4 | 5 |
| $D_{16}$ == $D_{35}D_{47}$ | == $D_{16}D_{35}D_{47}$ | $D_{16}D_{35}$ == $D_{47}$ | $D_{35}$ == $D_{16}D_{47}$ |
| | 2 | 4 | 6 |
| == $D_{17}D_{25}D_{46}$ | $D_{17}$ == $D_{25}D_{46}$ | $D_{25}$ == $D_{17}D_{46}$ | $D_{17}D_{25}$ == $D_{46}$ |
| | 1 | 2 | 3 |
| $D_{26}D_{37}$ == $D_{45}$ | $D_{37}$ == $D_{26}D_{45}$ | $D_{26}$ == $D_{37}D_{45}$ | == $D_{26}D_{37}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{27}$ == $D_{15}D_{36}$ | $D_{15}D_{27}$ == $D_{36}$ | == $D_{15}D_{27}D_{36}$ | $D_{15}$ == $D_{27}D_{36}$ |

E8#=245

flip=False split # ↓,

{1, 2, 3}{1, 6, 4}{1, 7, 5}{2, 7, 4}{2, 5, 6}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}D_{45} == D_{67}$ | $D_{45} == D_{12}D_{67}$ | $D_{12} == D_{45}D_{67}$ | $== D_{12}D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23} == D_{46}D_{57}$ | $== D_{23}D_{46}D_{57}$ | $D_{23}D_{46} == D_{57}$ | $D_{46} == D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}D_{47} == D_{56}$ | $D_{47} == D_{13}D_{56}$ | $D_{13} == D_{47}D_{56}$ | $== D_{13}D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14} == D_{25}D_{37}$ | $== D_{14}D_{25}D_{37}$ | $D_{14}D_{25} == D_{37}$ | $D_{25} == D_{14}D_{37}$ |
| | 3 | 4 | 7 |
| $== D_{15}D_{24}D_{36}$ | $D_{15} == D_{24}D_{36}$ | $D_{24} == D_{15}D_{36}$ | $D_{15}D_{24} == D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27} == D_{35}$ | $D_{27} == D_{16}D_{35}$ | $D_{16} == D_{27}D_{35}$ | $== D_{16}D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26} == D_{17}D_{34}$ | $D_{17}D_{26} == D_{34}$ | $== D_{17}D_{26}D_{34}$ | $D_{17} == D_{26}D_{34}$ |

flip=True split # ↓,

{1, 2, 4}{1, 5, 3}{1, 7, 6}{2, 6, 3}{2, 5, 7}{3, 4, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24} == D_{35}D_{67}$ | $== D_{24}D_{35}D_{67}$ | $D_{24}D_{35} == D_{67}$ | $D_{35} == D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}D_{36} == D_{57}$ | $D_{36} == D_{14}D_{57}$ | $D_{14} == D_{36}D_{57}$ | $== D_{14}D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12} == D_{37}D_{56}$ | $== D_{12}D_{37}D_{56}$ | $D_{12}D_{37} == D_{56}$ | $D_{37} == D_{12}D_{56}$ |
| | 2 | 4 | 6 |
| $== D_{15}D_{26}D_{47}$ | $D_{15} == D_{26}D_{47}$ | $D_{26} == D_{15}D_{47}$ | $D_{15}D_{26} == D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}D_{27} == D_{46}$ | $D_{27} == D_{13}D_{46}$ | $D_{13} == D_{27}D_{46}$ | $== D_{13}D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17} == D_{23}D_{45}$ | $== D_{17}D_{23}D_{45}$ | $D_{17}D_{23} == D_{45}$ | $D_{23} == D_{17}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16} == D_{25}D_{34}$ | $== D_{16}D_{25}D_{34}$ | $D_{16}D_{25} == D_{34}$ | $D_{25} == D_{16}D_{34}$ |

E8#=246

flip=False split # ↓,

{1, 4, 2}{1, 3, 5}{1, 6, 7}{2, 6, 3}{2, 5, 7}{3, 4, 7}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}$ == $D_{35}D_{67}$ | $D_{24}D_{35}D_{67}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | $D_{14}D_{36}D_{57}$ == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ |
| | 1 | 6 | 7 |
| == $D_{12}D_{37}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}D_{37}$ == $D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| == $D_{16}D_{25}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ |

flip=True split # ↓,

{1, 3, 2}{1, 4, 6}{1, 5, 7}{2, 7, 4}{2, 5, 6}{3, 4, 5}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{45}$ == $D_{12}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}$ == $D_{45}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ | == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ |

E8#=247

flip=False split # ↓,

{1, 2, 4}{1, 5, 3}{1, 6, 7}{2, 6, 3}{2, 7, 5}{3, 7, 4}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{35}$ == $D_{24}D_{67}$ | $D_{24}D_{35}$ == $D_{67}$ | == $D_{24}D_{35}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| == $D_{14}D_{36}D_{57}$ | $D_{14}$ == $D_{36}D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| $D_{15}D_{26}$ == $D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | == $D_{15}D_{26}D_{47}$ |
| | 2 | 5 | 7 |
| $D_{13}$ == $D_{27}D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | $D_{27}$ == $D_{13}D_{46}$ |
| | 3 | 4 | 7 |
| == $D_{17}D_{23}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}D_{23}$ == $D_{45}$ |
| | 3 | 5 | 6 |
| $D_{16}$ == $D_{25}D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | $D_{25}$ == $D_{16}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 6, 4}{1, 5, 7}{2, 7, 4}{2, 6, 5}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{46}$ == $D_{23}D_{57}$ | $D_{23}D_{46}$ == $D_{57}$ | == $D_{23}D_{46}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| == $D_{13}D_{47}D_{56}$ | $D_{13}$ == $D_{47}D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ |
| | 2 | 5 | 7 |
| $D_{14}D_{25}$ == $D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | == $D_{14}D_{25}D_{37}$ |
| | 3 | 4 | 7 |
| $D_{15}$ == $D_{24}D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | $D_{24}$ == $D_{15}D_{36}$ |
| | 2 | 4 | 6 |
| == $D_{16}D_{27}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}D_{27}$ == $D_{35}$ |
| | 3 | 5 | 6 |
| $D_{26}$ == $D_{17}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}$ == $D_{26}D_{34}$ |

E8#=256

flip=False split # ↓,

{1, 2, 4}{1, 3, 5}{1, 7, 6}{2, 3, 6}{2, 5, 7}{3, 7, 4}{4, 6, 5}

| | 1 | 2 | 3 |
|---|---|---|---|
| $D_{24}D_{35}$ == $D_{67}$ | $D_{35}$ == $D_{24}D_{67}$ | $D_{24}$ == $D_{35}D_{67}$ | == $D_{24}D_{35}D_{67}$ |
| | 1 | 4 | 5 |
| $D_{14}$ == $D_{36}D_{57}$ | == $D_{14}D_{36}D_{57}$ | $D_{14}D_{36}$ == $D_{57}$ | $D_{36}$ == $D_{14}D_{57}$ |
| | 1 | 6 | 7 |
| $D_{12}D_{37}$ == $D_{56}$ | $D_{37}$ == $D_{12}D_{56}$ | $D_{12}$ == $D_{37}D_{56}$ | == $D_{12}D_{37}D_{56}$ |
| | 2 | 4 | 6 |
| == $D_{15}D_{26}D_{47}$ | $D_{15}$ == $D_{26}D_{47}$ | $D_{26}$ == $D_{15}D_{47}$ | $D_{15}D_{26}$ == $D_{47}$ |
| | 2 | 5 | 7 |
| $D_{27}$ == $D_{13}D_{46}$ | $D_{13}D_{27}$ == $D_{46}$ | == $D_{13}D_{27}D_{46}$ | $D_{13}$ == $D_{27}D_{46}$ |
| | 3 | 4 | 7 |
| $D_{17}D_{23}$ == $D_{45}$ | $D_{23}$ == $D_{17}D_{45}$ | $D_{17}$ == $D_{23}D_{45}$ | == $D_{17}D_{23}D_{45}$ |
| | 3 | 5 | 6 |
| $D_{25}$ == $D_{16}D_{34}$ | $D_{16}D_{25}$ == $D_{34}$ | == $D_{16}D_{25}D_{34}$ | $D_{16}$ == $D_{25}D_{34}$ |

flip=True split # ↓,

{1, 2, 3}{1, 4, 6}{1, 7, 5}{2, 4, 7}{2, 5, 6}{3, 5, 4}{3, 7, 6}

| | 1 | 6 | 7 |
|---|---|---|---|
| $D_{12}$ == $D_{45}D_{67}$ | == $D_{12}D_{45}D_{67}$ | $D_{12}D_{45}$ == $D_{67}$ | $D_{45}$ == $D_{12}D_{67}$ |
| | 1 | 2 | 3 |
| $D_{23}D_{46}$ == $D_{57}$ | $D_{46}$ == $D_{23}D_{57}$ | $D_{23}$ == $D_{46}D_{57}$ | == $D_{23}D_{46}D_{57}$ |
| | 1 | 4 | 5 |
| $D_{13}$ == $D_{47}D_{56}$ | == $D_{13}D_{47}D_{56}$ | $D_{13}D_{47}$ == $D_{56}$ | $D_{47}$ == $D_{13}D_{56}$ |
| | 2 | 5 | 7 |
| == $D_{14}D_{25}D_{37}$ | $D_{14}$ == $D_{25}D_{37}$ | $D_{25}$ == $D_{14}D_{37}$ | $D_{14}D_{25}$ == $D_{37}$ |
| | 3 | 4 | 7 |
| $D_{24}$ == $D_{15}D_{36}$ | $D_{15}D_{24}$ == $D_{36}$ | == $D_{15}D_{24}D_{36}$ | $D_{15}$ == $D_{24}D_{36}$ |
| | 2 | 4 | 6 |
| $D_{16}D_{27}$ == $D_{35}$ | $D_{27}$ == $D_{16}D_{35}$ | $D_{16}$ == $D_{27}D_{35}$ | == $D_{16}D_{27}D_{35}$ |
| | 3 | 5 | 6 |
| $D_{17}$ == $D_{26}D_{34}$ | == $D_{17}D_{26}D_{34}$ | $D_{17}D_{26}$ == $D_{34}$ | $D_{26}$ == $D_{17}D_{34}$ |