

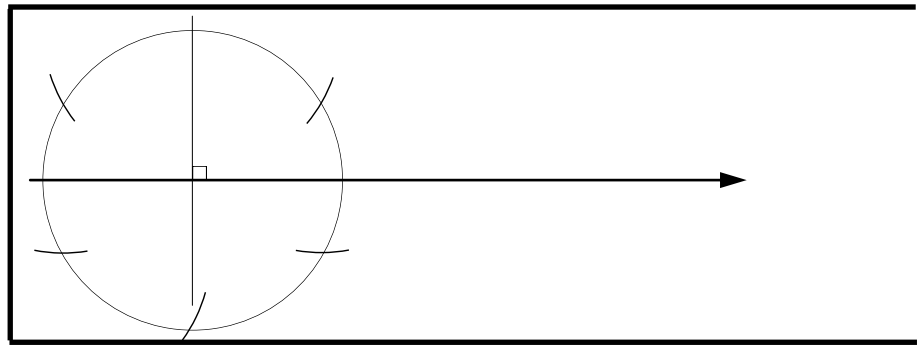
Tetrahexaflexagon

Materials:

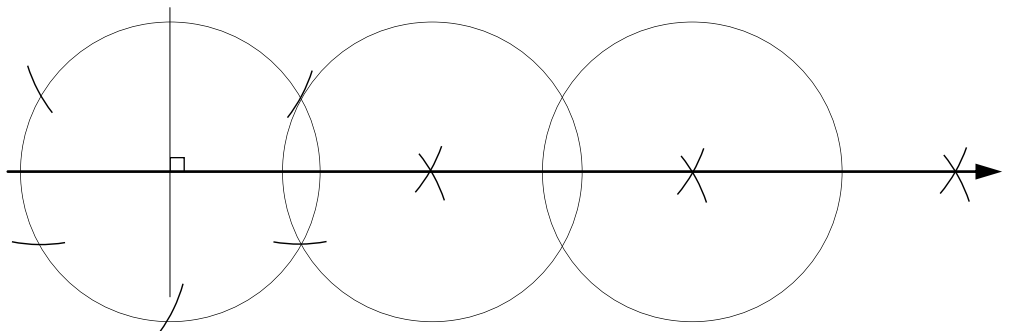
Same as trihexaflexagon except that compasses and set square are required.

Cartridge paper at least 15×50 cm.

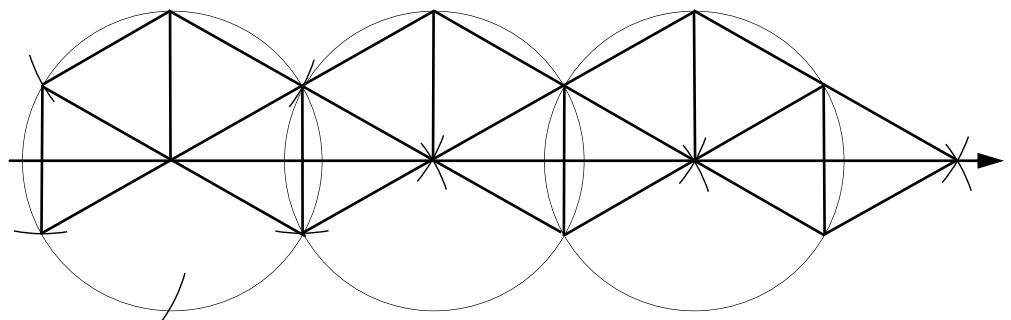
Rule a line down the centre of the paper and a circle radius 6 cm, 6 cm from the end. Draw a line at right angles to the centre line through the centre of the circle. Begin a hexagon construction from the intersection at the top.



Construct the centre of the next circle from the two right hand hexagon points. Construct two more centres and one more circle. Mark all possible hexagon points



Join the hexagon points as shown, to make a zigzag strip of 13 equilateral triangles. Cut out the strip and erase the construction lines.



Mark the fold code numbers in pencil.

Proceed as for trihexaflexagon, except that 4 faces will be found.

A routine which will eventually bring out all faces is: "keep flexing at the same corner until it refuses to open then shift to an adjacent corner".

