

Compass Shapes

You need a compass

a ruler

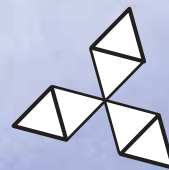
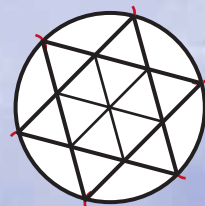
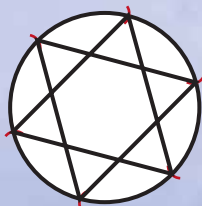
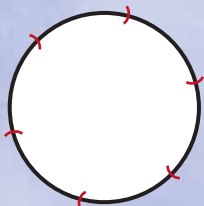
a classmate

Activity

Sacha read that you can draw a hexagon with equal sides, using a compass and a ruler. She followed these steps:



- How many times can the radius fit around the circumference of the circle?
 - Use the marks on the circumference as corners and draw a regular hexagon inside the circle.
- How could you use this method to draw an equilateral triangle?
- Use your ruler and compass to follow each step in this sequence to draw the design.



- Find some other designs made of geometric shapes. Work out the steps needed to draw one of the designs. Now ask a classmate to follow each step in the sequence to draw your design.