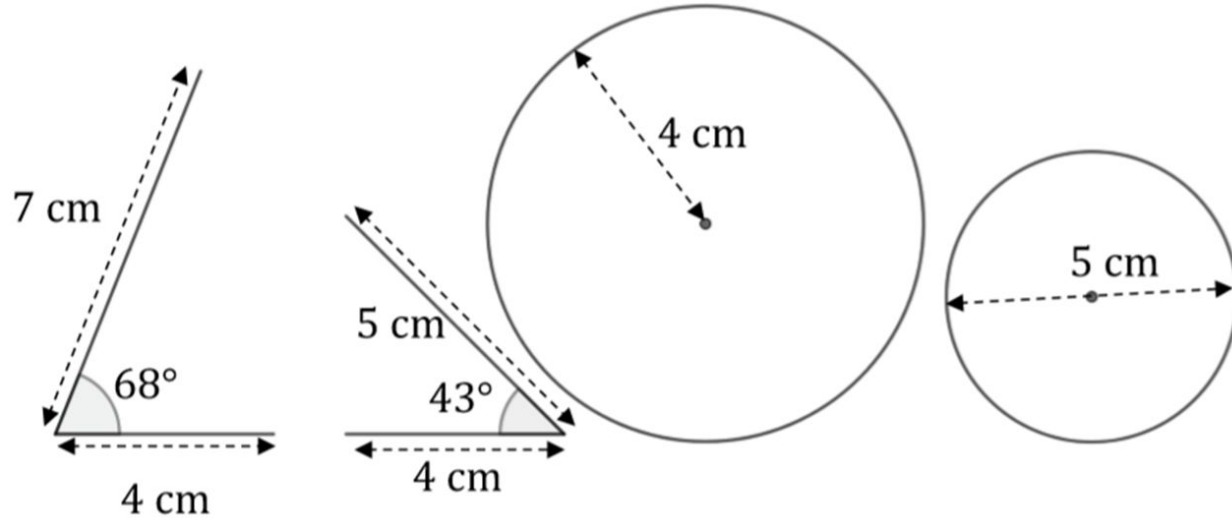Mathematics

Constructing Quadrilaterals
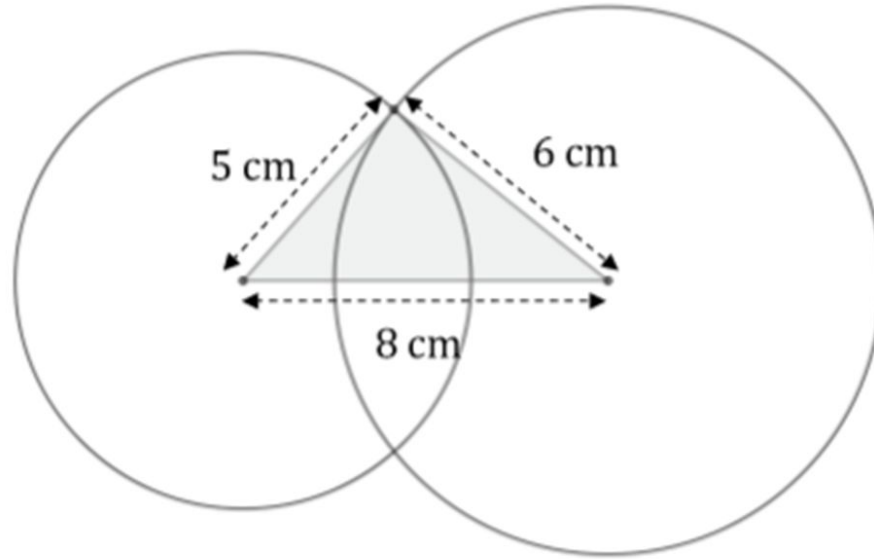
Downloadable Resource

Miss Oreyomi

Questions

1) Draw each of the following accurately using a pair of compasses or protractor:

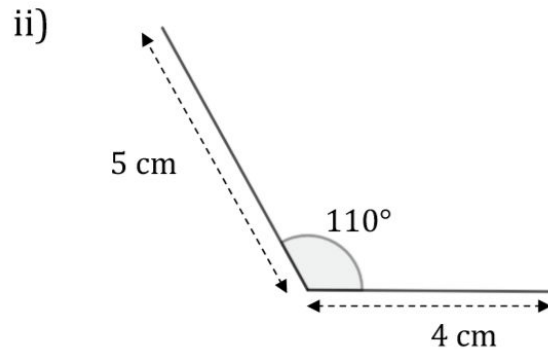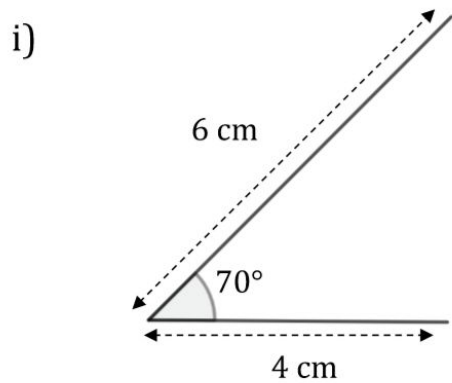# Questions

2) Zahra has constructed a triangle with side lengths 5cm, 6cm and 8cm. Copy her construction and add more sides to create a **kite.**

5 cm

6 cm

8 cm

Questions

3) Accurately draw **two copies** of each of the following diagrams using a ruler and a protractor:

i)

6 cm

70°

4 cm

ii)

5 cm

110°

4 cm

b) For each of the above use a ruler and a **pair of compasses** to construct two more sides to form a kite and a parallelogram.

Questions

4) Use a pair of compasses and a ruler to construct the following:

    a) A delta with side lengths 4cm, 5cm and 5cm.