TASK **3.4**

Calculate the area of each circle below, correct to 1 d.p.

1.

5 cm

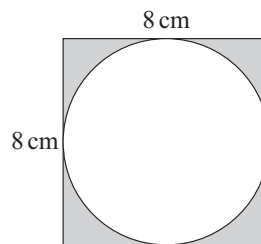**2.**

9 cm

3.

12 cm

4.

32 cm
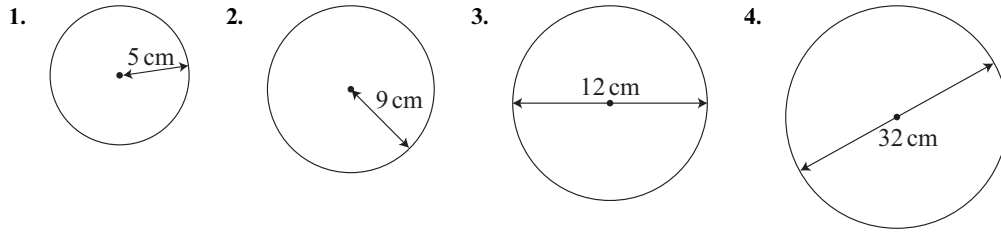
5. A circular pond has a radius of 11 m. What is the area of this pond in m²?

**6.** Which shape has the larger area – the triangle or the circle?

4 cm   5 cm

3 cm

1·5 cm
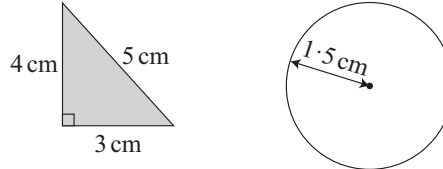
7. Find the shaded area.

8 cm

8 cm

In Questions **8** to **10** find the area of each shape. All arcs are either semi-circles or quarter circles and the units are cm.
Give answers correct to 1 d.p.

8.

24

9.

5·4

5·4

10.

68

16
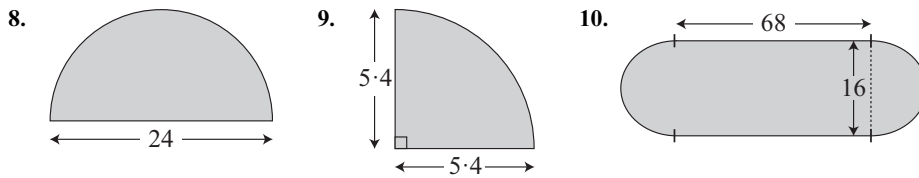
In Questions **11** to **13** find the shaded area. Lengths are in cm. Give answers correct to 1 d.p.

11.

3   8   3

12.

28

14

13.

5

9

5
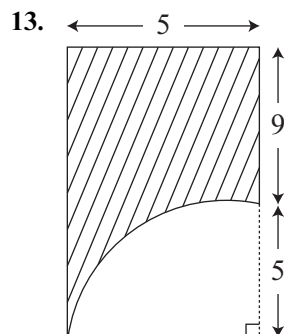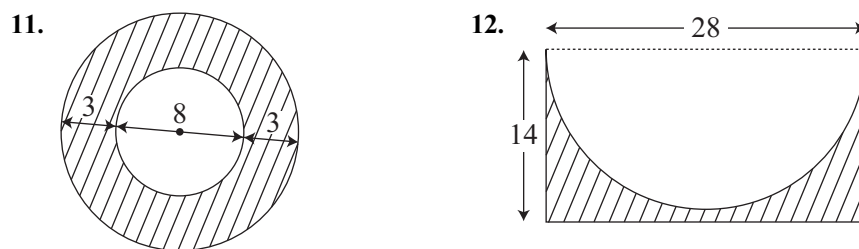
14. A circular pond has a radius of 13 m. A path goes all the way round the circumference of the pond. The path is 1·2 m wide throughout. Find the area of the path.