

Literacy

Circle
Circumference
Diameter
Area
Radius

π

Research

What is pi? (Try and find at least three interesting facts!)

Memory

Learn the formula for circumference:

$$C = \pi d$$

Learn the formula for the area of a circle:

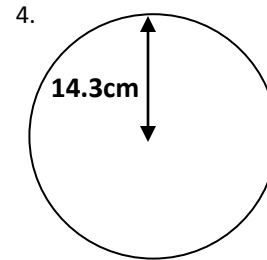
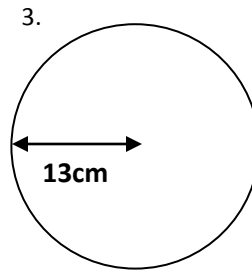
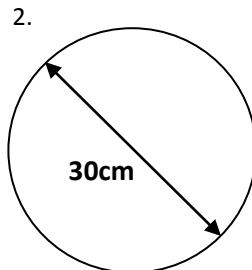
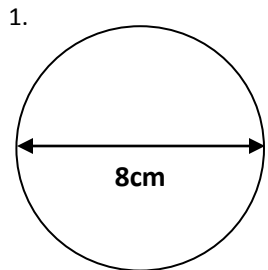
$$A = \pi r^2$$

Learn the value of pi correct to 5 d.p.

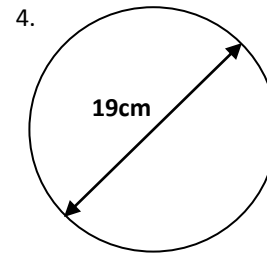
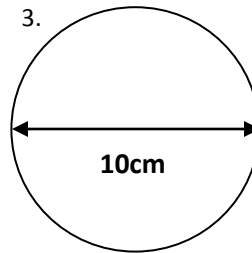
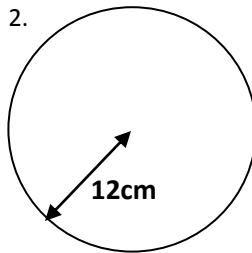
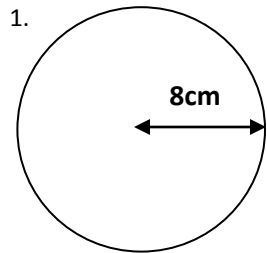
Diagrams are NOT drawn accurately

Skills

Find the circumference of the following circles, giving your answers correct to 1d.p.

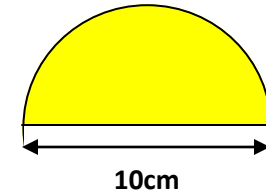


Find the area of the following circles, giving your answers correct to 1d.p.



Stretch

Work out the **area** and **perimeter** of the semi-circle, giving your answers correct to 3s.f.



A circle has a circumference of 40cm.
Calculate the **diameter** correct to 1d.p.

A circle has an area of 50cm^2 .
Calculate the **radius** correct to 3s.f.

A skateboard wheel has a diameter of 5cm. It makes 320 revolutions.



How far has it travelled?

Give your answer in metres correct to 1d.p.