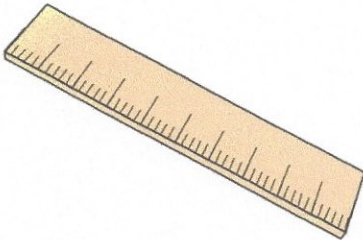


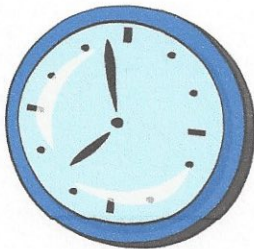
Primary Practice Questions



Corbettmaths



Parts of the Circle



Tips

- Read each question carefully
- Attempt every question.
- Check your answers seem right.
- Always show your workings

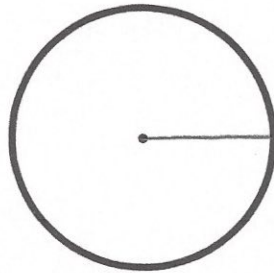
Recap



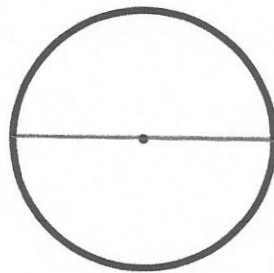
Remember

- There are daily questions found at
www.corbettmaths.com/5-a-day/primary

1. Draw a radius on the circle



2. Draw a diameter on the circle



3. A coin has a radius of 14mm

What is the **diameter** of the coin?

$$14 \times 2$$

28 mm

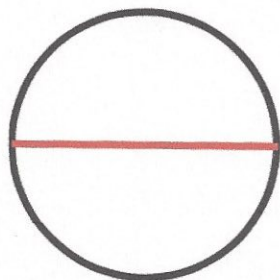
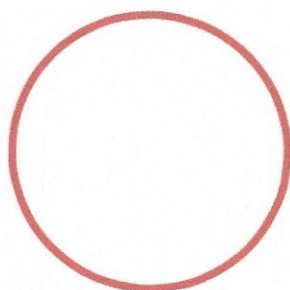
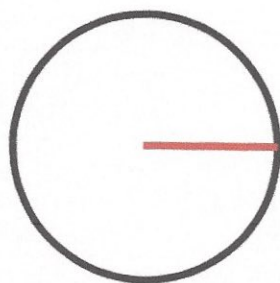
4. A hula hoop has a diameter of 54cm

What is the **radius** of the coin?

$$54 \div 2$$

27 cm

5. Match each diagram to its label



Circumference

Diameter

Radius

6. A badge has a diameter of 1.4cm

What is the **radius** of the badge?
Give your answer in millimetres

$$1.4 \text{ cm} = 14 \text{ mm}$$

$$14 \div 2$$

7 mm

7. A pizza has a diameter of 9 inches



What is the **radius** of the pizza?

$$9 \div 2 = 4.5$$

4.5 inches

Sven measures the circumference, diameter and radius of the pizza.

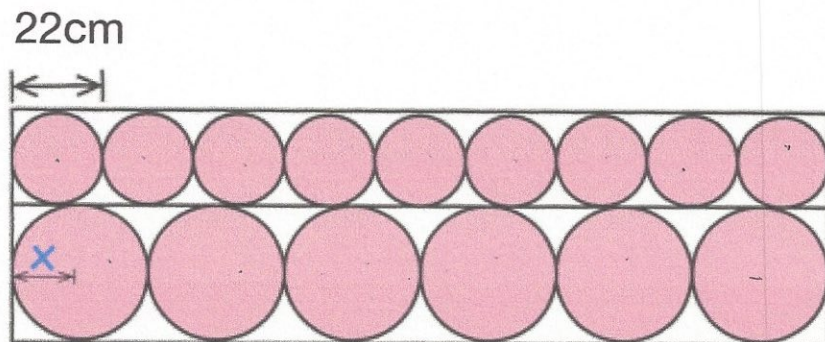
Circle which is the largest

circumference

diameter

radius

8. Some small circles and large circles fit exactly inside this rectangle.



Work out the **radius** of a large circle

$$\begin{array}{r} 22 \\ \times 9 \\ \hline 198 \end{array}$$

$$\begin{array}{r} 033 \\ 6 \overline{) 198} \end{array}$$

$$33 \div 2 = 16.5$$

16.5 cm

9. A 2p coin has a radius of 1.3cm

Caitlyn makes a straight line of 2p coins worth £6



How long is the line?
Give your answer in metres

$$1.3 \times 2 = 2.6 \text{ cm}$$

$$£1 = 50 \text{ coins}$$

$$£6 = 300 \text{ coins}$$

$$\begin{array}{r} 2.6 \\ \times 300 \\ \hline 780.0 \end{array}$$

$$780 \text{ cm}$$

7.8 m
