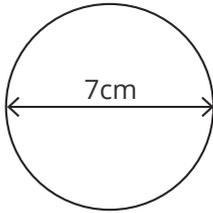


**Your Turn**

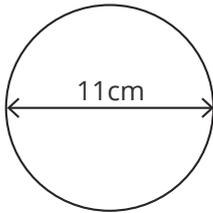
1. Calculate the circumference of the circle, giving your answer correct to the nearest whole number.



$$\pi \times 7 = 21.99114858\dots$$

**22cm**

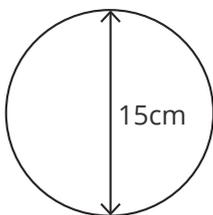
2. Calculate the circumference of the circle, giving your answer correct to 1 decimal place.



$$\pi \times 11 = 34.55751919\dots$$

**34.6cm**

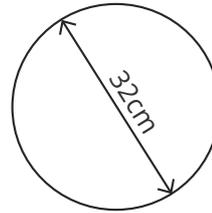
3. Calculate the circumference of the circle, giving your answer correct to 1 decimal place.



$$\pi \times 15 = 47.1238898\dots$$

**47.1cm**

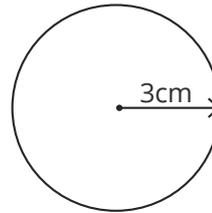
4. Calculate the circumference of the circle, giving your answer correct to 2 decimal places.



$$\pi \times 32 = 100.5309649\dots$$

**100.53cm**

5. Calculate the circumference of the circle, giving your answer correct to the nearest whole number.

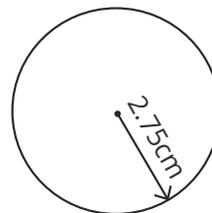


$$3 \times 2 = 6\text{cm}$$

$$\pi \times 6 = 18.84955592\dots$$

**19cm**

6. Calculate the circumference of the circle, giving your answer correct to the nearest whole number.

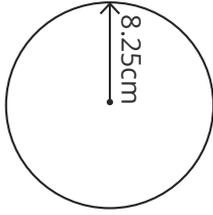


$$2.75 \times 2 = 5.5\text{cm}$$

$$\pi \times 5.5 = 17.27875959\dots$$

**17cm**

7. Calculate the circumference of the circle, giving your answer correct to the nearest whole number.



$$8.25 \times 2 = 16.5\text{cm}$$

$$\pi \times 16.5 = 51.83627878\dots$$

**52cm**

8. A pizza has a diameter of 30cm. Calculate its circumference, giving your answer correct to the nearest centimetre.

$$\pi \times 30 = 94.24777961\dots$$

**94cm**

### Challenge

A tyre has a diameter of 42cm. The tyre makes 500 complete turns. How far did it travel? Give your answer correct to the nearest whole metre.

$$\pi \times 42 = 131.9468915\dots$$

$$131.9468915\dots \times 500 = 65\,973.44573\dots\text{cm}$$

**660m**