Summer Term Maths Year 10

3

Circumference of a circle





Explain why two of the circles in question one have the same value for their circumference. Circles a and c have the Same diameter of 10 mm Use a calculator to find the circumference of these circles giving your answers to 3 significant figures.





Summer Term Maths Year 10

Circumference of a circle



4

Find the perimeter of the semi-circle giving your answer in terms of π .





Find the perimeter of the semi-circles,give you answer to 2 decimal places.112.08 cm56.04 cm





What do you notice about your answers?

The circumference of a circle is 90 cm.

- (a) Find the diameter of the circle. 28.6 cm
- (b) Find the radius of the circle 14.3 cm

A wheel with a diameter of 30 cm is rolled 50 m. How many complete revolutions does the wheel make? 53



