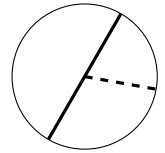


1. Use the word diameter and radius to complete this statement.

The  is the and  is the of the circle



2. Here is a picture of 4 identical circles inside a rectangle.

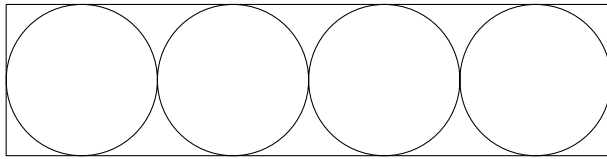
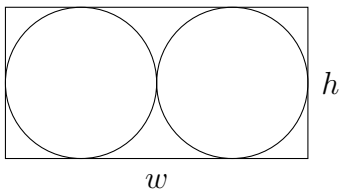


Diagram NOT accurately drawn

Work out the diameter of one of the circles.

. mm

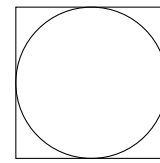
3a) The width, w , of the rectangle is 5.6 cm.



Work out the diameter of one of the circles.

. cm

3b) The side length of this square is 7.6 cm.



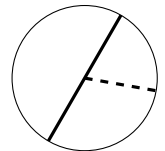
Work out the radius of the circle.

. cm

shapeProblemNC (2) Answers 1) diameter, radius 2) 200 mm 3a) 2.8 3b) 3.8 4a) 50 4b) 18

1. Use the word diameter and radius to complete this statement.

The  is the and  is the of the circle



2. Here is a picture of 4 identical circles inside a rectangle.

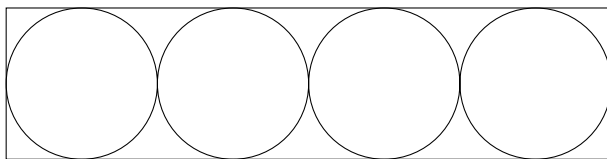
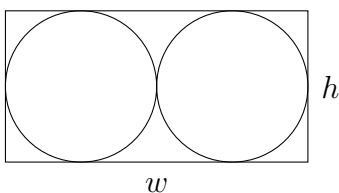


Diagram NOT accurately drawn

Work out the diameter of one of the circles.

. mm

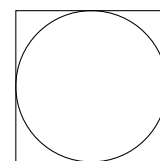
3a) The width, w , of the rectangle is 5.6 cm.



Work out the diameter of one of the circles.

. cm

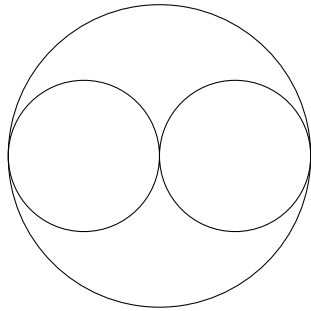
3b) The side length of this square is 7.6 cm.



Work out the radius of the circle.

. cm

- 4a) Here is a diagram of 3 circles.
Two of the circles are the same size.

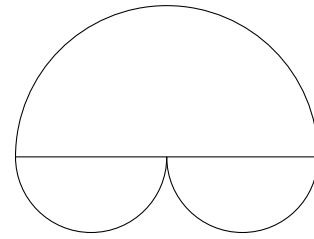


The radius of the large circle is 100 mm

Work out the radius of the small circles

. mm

- 4b) Here is a diagram of 3 semi circles.
Two of the semi circles are the same size.

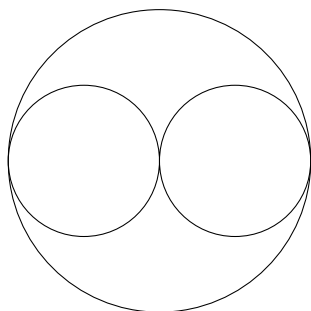


The diameter of the large semi circle is 72 m

Work out the size of the radius of the
small semi circles.

. m

- 4a) Here is a diagram of 3 circles.
Two of the circles are the same size.

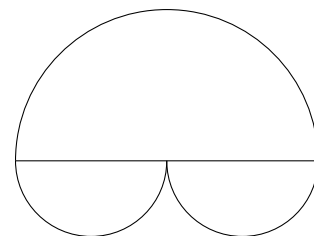


The radius of the large circle is 100 mm

Work out the radius of the small circles

. mm

- 4b) Here is a diagram of 3 semi circles.
Two of the semi circles are the same size.



The diameter of the large semi circle is 72 m

Work out the size of the radius of the
small semi circles.

. m