

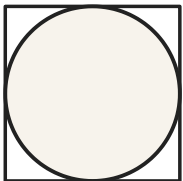
Circumference and Area of a Circle



1



The circle fits exactly inside the square.
Work out the area of the circle.
Give your answer to 1 decimal place.



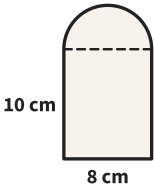
12 cm
Not drawn accurately

Answer _____

2



The shape is a rectangle with a semicircle on top.
Work out its perimeter. Give your answer to 1 decimal place.



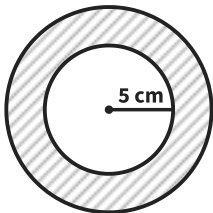
Not drawn accurately

Answer _____

3



The shaded ring is 3 cm wide.
Work out its area. Give your answer to 1 decimal place.



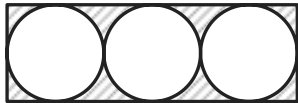
Not drawn accurately

Answer _____

4



Three identical circles fit exactly inside the rectangle.
Work out the shaded area.
Give your answer to 1 decimal place.



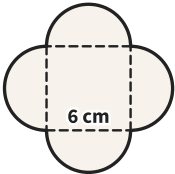
Not drawn accurately

Answer _____

5



A semicircle is drawn on each side of a square.
Work out the perimeter of the shape.
Give your answer to 1 decimal place.



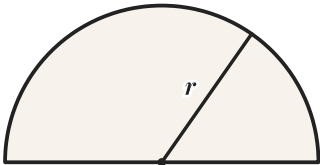
Not drawn accurately

Answer _____

6



The perimeter of this semicircle is 36 cm.
Work out its radius r . Give your answer to 1 decimal place.



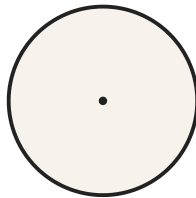
Not drawn accurately

Answer _____

7



The circumference of this circle is 44 cm.
Work out its area. Give your answer to 1 decimal place.



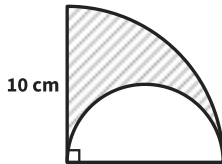
Not drawn accurately

Answer _____

8



The shape is a quarter circle with a semicircle inside it.
Work out the shaded area.
Give your answer to 1 decimal place.



Not drawn accurately

Answer _____