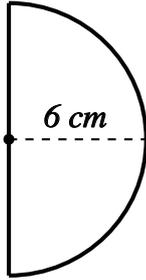


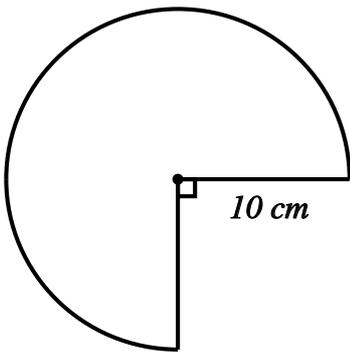
Circles, Perimeters and Sectors

Name:	Class:	Date:
Mark		/ 14 %

1) Find the area of the semicircle, rounding your answer to 3 significant figures [1]

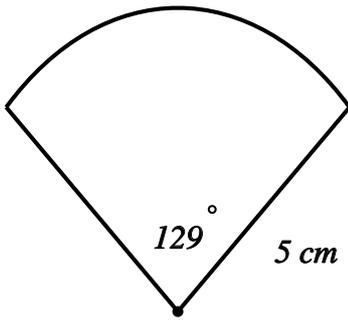


2) Find the area of the three-quarter circle, rounding your answer to 3 significant figures [1]



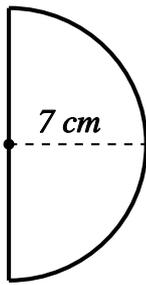
3) Find the area of the sector, rounding your answer to 3 significant figures

[1]



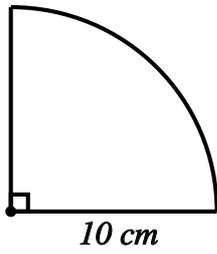
4) Find the arc length of the semicircle, rounding your answer to 3 significant figures

[1]



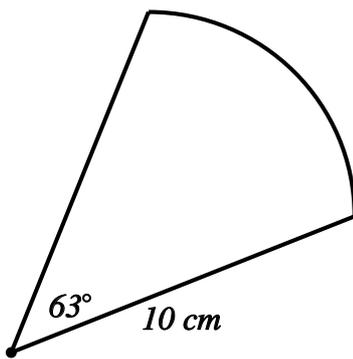
5) Find the arc length of the shape below, rounding your answer to 3 significant figures

[1]



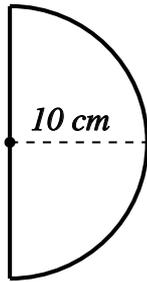
6) Find the arc length of the sector shown below, rounding your answer to 3 significant figures

[1]



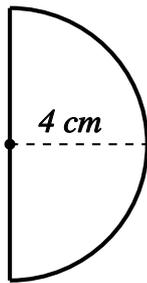
7) Find the perimeter of the semicircle, rounding your answer to 3 significant figures

[1]



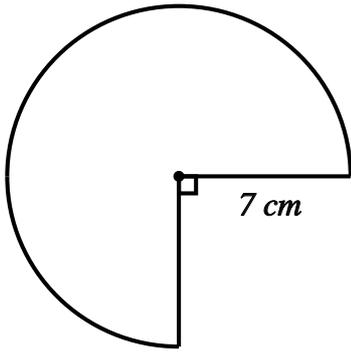
8) Find the perimeter of the semicircle, rounding your answer to 3 significant figures

[1]



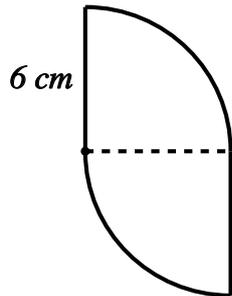
9) Find the perimeter of the three-quarter circle, rounding your answer to 3 significant figures

[1]



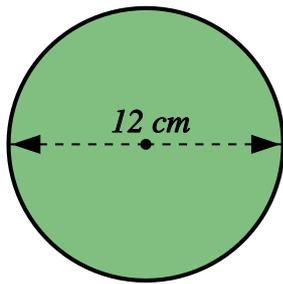
10) Find the perimeter of the shape below, rounding your answer to 3 significant figures

[1]



11) Find the area of the circle pictured below, rounding your answer to 3 significant figures

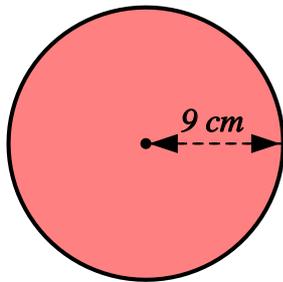
[1]



12) Find the radius of a circle which has an area of 39 cm^2

[1]

13) Find the circumference of the circle pictured below, rounding your answer to 3 significant figures [1]



14) Find the radius of a circle, where the circumference is:

[1]

44 cm

Solutions for the assessment Circles, Perimeters and Sectors

1) Area = 56.5 cm^2

2) Area = 236 cm^2

3) Area = 28.1 cm^2

4) Arc length = 22.0 cm

5) Arc length = 15.7 cm

6) Arc length = 11.0 cm

7) Perimeter = 51.4 cm

8) Perimeter = 20.6 cm

9) Perimeter = 47.0 cm

10) Perimeter = 30.8 cm

11) Area = 113 cm^2

12) Radius = 3.52 cm

13) Circumference = 56.5 cm

14) Radius = 7.00 cm