

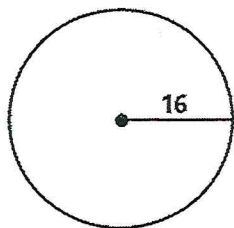
(1)

Circumference and Area of a Circle
Practice

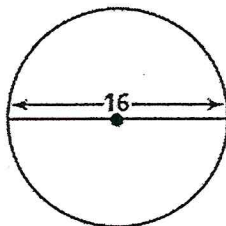
Name: _____

Find the circumference of each circle. Leave your answers in terms of π .

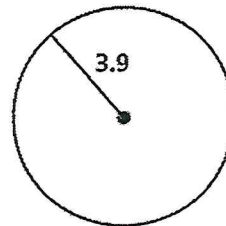
1.



2.



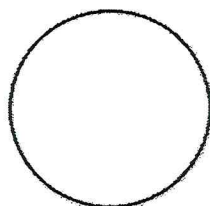
3.



Using the given circumference, find the diameter and radius for each circle.

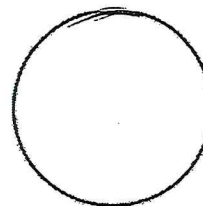
*Use $C = \pi d$ or $C = 2\pi r$.
Plug in C to find d and r .*

4.



$C = 9.8 \text{ cm}$

5.

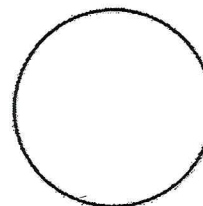


$C = 5.5 \text{ cm}$

Use $A = \pi r^2$. Plug in A to get r , then d .

6. Calculate the area of a circle with diameter 8 cm.

7. Find the diameter for the given circle.



$A = 3.1 \text{ mm}^2$