

Circles Review

- 1) The radius of a circle is 17.5 cm. What is the length of the **diameter**?

- 2) The diameter of a circle is 14 meters. What is the length of the **radius**?

- 3) You want to find the distance around a circle, what **formula** would you use?
A $r = d \div 2$ **B** $C = 2\pi r$ **C** $d = 2r$ **D** $A = \pi r^2$

- 4) You want to find the amount of space that fits inside a circle, what **formula** would you use?
A $r = d \div 2$ **B** $C = 2\pi r$ **C** $d = 2r$ **D** $A = \pi r^2$

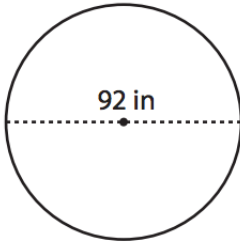
- 5) The diameter of a circle is 20 inches. Find the **circumference** of the circle. Leave your answer in terms of π . **Show your work.**

- 6) Find the **area** of a circle whose diameter is 10 cm. Leave your answer in terms of π . **Show your work.**

- 7) The diameter of a circle is 24 inches, what is the **circumference**? Round your answer to the nearest tenth. **Show your work.**

- 8) The diameter a circle is 12 centimeters. What is the **area**? Use 3.14 for π .
Show your work.

- 9) Find the radius and diameter of the circles in the following diagrams.

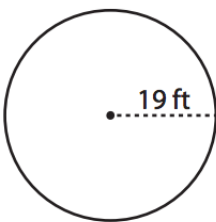


Radius: _____

Diameter: _____

- 10) The radius of a circle is 8 meters. Find the **circumference** of the circle. Use 3.14 for π .
Show your work.

- 11) Find the radius and diameter of the circles in the following diagrams.



Radius: _____

Diameter: _____

- 12) The radius of a circle is 11 meters. Find the **area** of the circle. Round your answer to the nearest hundredth. **Show your work.**