Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Day 4: Circles Review 7 Regulars

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 ÷ 2 **B** C = 2πr **C** d = 2r **D** A = πr2

4) You want to find the amount of space that fits inside a circle, what **formula** would you use?

**A** r = d ÷ 2 **B** C = 2πr **C** d = 2r **D** A = πr2

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.***