HW 6-2

Int 1   **Area of Circles**   **Unit 6**

Instructions: Find the area of each circle using the information provided. Round all of your answers to the tenths place. Don't forget to label your answers with the appropriate unit of measure. ***SHOW YOUR WORK FOR EACH PROBLEM!***

1. A radius of 9 cm.   3. A radius of 10.5 cm.   5. A radius of 2 in.

   Area:_____   Area:_____   Area:_____

2. A diameter of 24 in.   4. A diameter of 125 ft.   6. A diameter of 8 cm.

   Area:_____   Area:_____   Area:_____

Find the circumference of **half** circles for #7-12 using the information provided.

7. A radius of 35 ft.   8. A diameter of 12.4 m   9. A radius of 21.25 in.

   Area:_____   Area:_____   Area:_____

Instructions: Find the circumference of each circle using the information provided. Round all of your answers to the tenths place. Don't forget to label your answers with the appropriate unit of measure. ***SHOW YOUR WORK FOR EACH PROBLEM!***

13.

15mm

Circum.:_____

16.

5 yd

Circum.:_____

14.

$10\frac{1}{2}\ m$

Circum.:_____

17.

50mm

Circum.:_____

15.

9.8cm

Circum.:_____

18.

5.5 m

Circum.:_____