

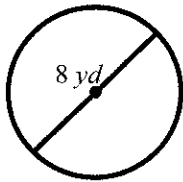
## Lesson 4 ~ Circumference and Pi

Name \_\_\_\_\_

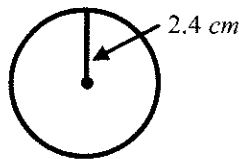
Period \_\_\_\_\_ Date \_\_\_\_\_

Find the circumference of each circle. Use 3.14 for  $\pi$ .

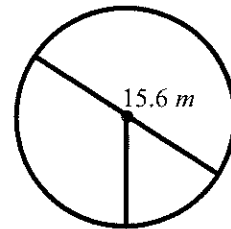
1.



2.



3.



4. The radius of a circle is 6 inches. What is the circumference of the circle?

5. Ming is walking around a circular track. The diameter of the track is approximately 125 meters.

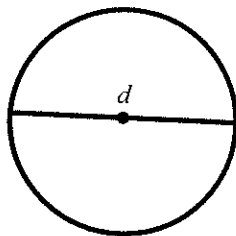
a. Find the circumference of the track.

b. If Ming walks around the track 5 times, how many total meters will she walk? Round your solution to the nearest whole meter.

Find each missing measure. Use 3.14 for  $\pi$ .

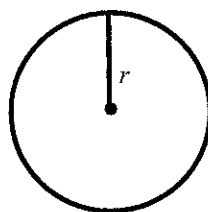
6.  $C = 62.8 \text{ ft}$

Diameter = \_\_\_\_\_



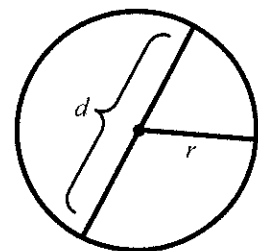
7.  $C = 53.38 \text{ cm}$

Radius = \_\_\_\_\_



8.  $C = 226.08 \text{ in}$

$r = \underline{\hspace{1cm}}$  and  $d = \underline{\hspace{1cm}}$



9. A dump truck travels 113.04 inches when its rear tire makes one full turn. Find the radius of the tire.

10. Colby jogged around the edge of a circular lake. He traveled a total of 6.28 miles. What is the diameter of the lake?

11. Karla was flying to Walla Walla. When she flew over Hermiston she noticed a circular irrigation system watering a field of watermelons. The arm of the sprinkler was 200 yards long. Find the circumference of the watered region.