Nepedia · Grade-7

Unit 3: Measuring Circles

PRACTICE · SET 2

Name: _____ Date: _____

Use pi = 3.14 (or 22/7 where noted). Show your work and give exact numeric answers with correct units.

1. A circle has a radius of 6 cm. What is its diameter, in cm?

Answer: _____

2. A circle has a diameter of 18 m. What is its radius, in m?

Answer: _____

3. Find the circumference of a circle with radius 5 cm. Use pi = 3.14. Give your answer in cm.

Answer: _____

4. Find the circumference of a circle with diameter 10 in. Use pi = 3.14. Give your answer in inches.

Answer: _____

5. Find the area of a circle with radius 4 cm. Use pi = 3.14. Give your answer in cm^2.

Answer: _____

6. Find the area of a circle with radius 10 m. Use pi = 3.14. Give your answer in m^2.

Answer: _____

7. A circle has a diameter of 14 cm. Using pi = 22/7, find its circumference in cm.

Answer: _____

8. A circle has a diameter of 8 ft. Find its area. Use pi = 3.14. Give your answer in ft^2.

Answer: _____

9. The circumference of a circle is 62.8 cm. Using pi = 3.14, find its radius in cm.

Answer: _____

10. A circle has a radius of 7 m. Using pi = 22/7, find its area in m^2.

Answer: _____

11. Find the area of a circle with diameter 20 cm. Use pi = 3.14. Give your answer in cm^2.

Answer: _____

12. The circumference of a circle is 47.1 in. Using pi = 3.14, find its diameter in inches.

Answer: _____