

Name: _____

Ch. 11 PRACTICE Quiz: Day 2 of 3

Find the circumference of the circle.

1. $r = 21$ cm
- a. 32.97 cm
 - b. 65.94 cm
 - c. 131.88 cm
 - d. 1384.74 cm

Find the circumference of the circle. Use 3.14 for π .

2. $d = 28$ in.



Circumference = _____

Find the diameter and the radius of the circle with the given circumference.

3. $C = 106.76$ in

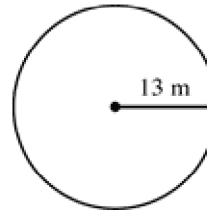
Work:

diameter: _____

radius: _____

Find the area of the circle. Use 3.14 for π .

- 4.



- a. 81.64 m^2
- b. 132.67 m^2
- c. 2122.64 m^2
- d. 530.66 m^2

Find the area of the circle. Use 3.14 for π .

5. $d = 2.1$ cm



- a. 13.188 cm^2
- b. 3.46185 cm^2
- c. 13.8474 cm^2
- d. 6.594 cm^2

7. Draw a half circle.
Label its radius 8 cm.
Now find the distance around the entire half circle.
Use 3.14 as an approximation for π .
Round your answer to the nearest tenth.

- a. 28.6 cm
- b. 41.1 cm
- c. 50.2 cm
- d. 66.2 cm

Find the radius and the diameter of the circle with the given area. Use 3.14 for π .

6. $A = 113.04 \text{ mm}^2$

Work:

radius: _____

diameter: _____