Name: _____

Ch. 11 PRACTICE Quiz: Day 1 of 3

Find the circumference of the circle.

1. $r = 1.5$ in.

Work:

a. 4.71 in.
b. 2.355 in.
c. 9.42 in.

2. Jill ran 5 times around a circular track that has a diameter of 54 meters. Approximately how far did she run?

Work:

Answer: _____

.

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

3. $C = 43.96$ m

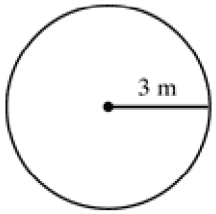
Work:

diameter: _____

radius: _____

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

4.



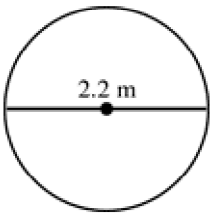
Work:

a. $7.07\ \text{m}^2$
b. $113.04\ \text{m}^2$
c. $28.26\ \text{m}^2$
d. $18.84\ \text{m}^2$

Name: _____ **ID: A**

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

5.



Work:

a. 15.1976 m^2
b. 13.816 m^2
c. 3.7994 m^2
d. 60.7904 m^2

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

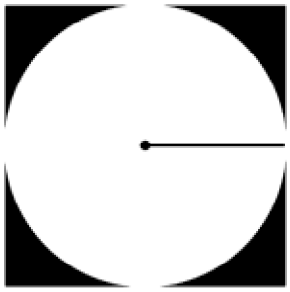
6. $A = 803.84\ ft^2$

Work:

radius: _____

diameter: _____
.

7. A square wheat field is watered by a center pivot irrigation system with a 38-foot radius. Find the area of the field that will not be irrigated. Use 3.14 as an approximation for π.



a. 1205.36 square feet
b. 1241.84 square feet
c. 1444.00 square feet
d. 542.64 square feet