Name _____ Date _____ Class _____

Find the area of each circle to the nearest tenth. Use 3.14 for π.
Cross out each number in the box that matches an area.

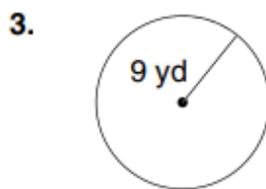|					
19.6	254.3	50.2	78.5	22.0	260.0
153.9	28.3	3.1	379.9	171.9	72.3	176.6

1.

4 in.

_____

2.

14 m

_____

3.

9 yd

_____

4.

2 cm

_____

5.

7.4 cm

_____

6.

10 in.

_____

7.

22 mm

_____

8.

2.5 ft

_____

9.

6 m

_____
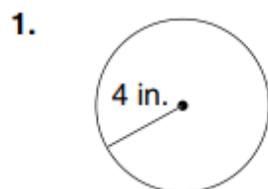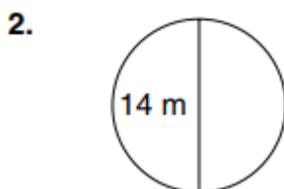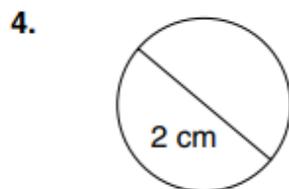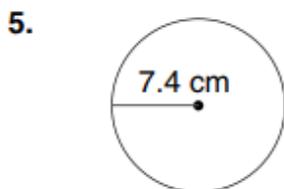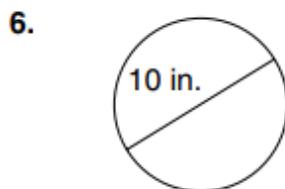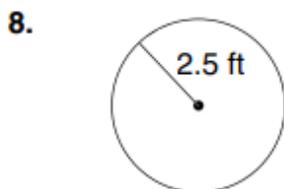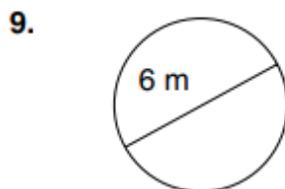
10. A round table has a diameter of 28 inches.
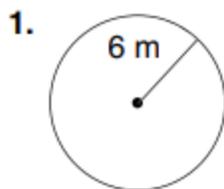What is the area of the tabletop? Use $\frac{22}{7}$ for π.   _____

11. Find the area of the shaded region of the
circle. Use 3.14 for π. Round your answer
to the nearest tenth.

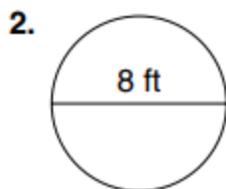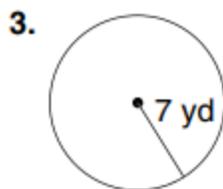12 in.

_____

Name _____ Date _____ Class _____

Practice B

Area of Circles

Find the area of each circle to the nearest tenth. Use 3.14 for π.

1.

6 m

_____

2.

8 ft

_____

3.

7 yd

_____

4.

5 cm

_____

5.

11 in.

_____

6.

3 mm

_____

7.

10 in.

_____

8.

13 cm
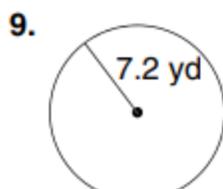
_____

9.

7.2 yd

_____
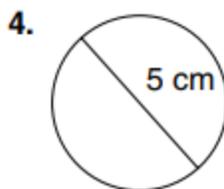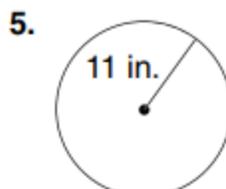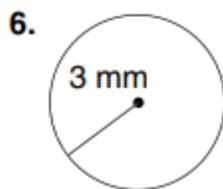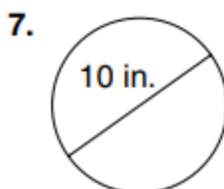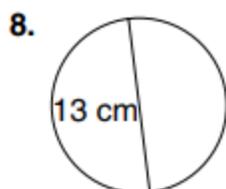
10. A Susan B. Anthony dollar coin has a diameter of 26.50 millimeters. What is the area of the coin to the nearest hundredth?
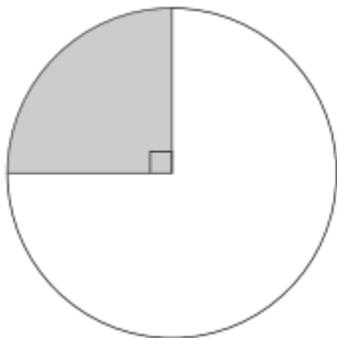
_____

11. A tablecloth for a round table has a radius of 21 inches. What is the area of the tablecloth? Use $\frac{22}{7}$ for π.

_____

12. Use a centimeter ruler to measure the radius of the circle. Then find the area of the shaded region of the circle. Use 3.14 for π. Round your answer to the nearest tenth.
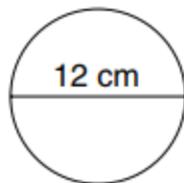
_____

Find the area of each circle to the nearest tenth. Use 3.14 for π.

1.
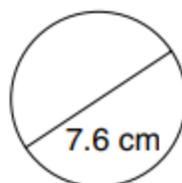
12 cm

_____

2.

9.5 in.

_____
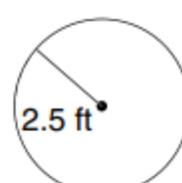
3.

7 yd

_____

4.

1.4 in.

_____

5.

7.6 cm

_____

6.

2.5 ft

_____

**Given the radius or diameter, find the circumference and area
of each circle to the nearest tenth. Use 3.14 for π.**

7. $r = 4$ in.

8. $d = 14$ cm

9. $d = 26$ ft

_____   _____   _____

_____   _____   _____

Given the area, find the radius of each circle. Use 3.14 for π.

10. $A = 200.96$ m^2

11. $A = 12.56$ in^2

12. $A = 314$ yd^2

_____   _____   _____
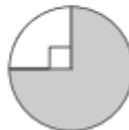
13. A playground area is circular with a diameter of 32 feet.
What is the area of the playground? Round your answer
to the nearest tenth.   _____

14. Use a centimeter ruler to measure the
radius of the circle. Then find the area
of the shaded region of the circle. Use 3.14
for π. Round your answer to the nearest tenth.

_____