

LESSON
9-4**Practice A*****Circumference and Area***

Find the circumference of each circle, both in terms of π and to the nearest tenth. $C = \pi d$. Use 3.14 for π .

1. circle with diameter 4 cm

2. circle with radius 4 in.

3. circle with radius 5.5 ft

4. circle with diameter 3 m

5. circle with radius 9 cm

6. circle with diameter 8.2 in.

Find the area of each circle, both in terms of π and to the nearest tenth. $A = \pi r^2$. Use 3.14 for π .

7. circle with radius 5 m

8. circle with diameter 8 ft

9. circle with diameter 6 cm

10. circle with radius 9 in.

11. circle with radius 3.1 m

12. circle with diameter 4.8 cm

13. Graph a circle with center (0, 0) that passes through (0, 2). Find the area and circumference, both in terms of π and to the nearest tenth. Use 3.14 for π .

14. A wheel has a diameter of 21 inches. About how far does it travel if it makes 30 complete revolutions? Use $\frac{22}{7}$ for π .
