

Solve the problems below using your knowledge of circumference and area concepts. Use 3.14 for Pi.

1. If the diameter of a circle is 6 in, then what is its radius?
2. If the radius of a circle is 2.5 cm, then what is its diameter?
3. What is the circumference of a circle if its diameter is 5 feet?
4. What is the area of a circle if its radius is 8 in?
5. If the circumference of a circle is 12.56 m, then what is its diameter?
6. If the area of a circle is 28.26 square inches, then what is its radius?
7. Find the circumference of a circle if its radius is 3.2 cm.
8. Find the area of a circle if its diameter is 5 in.
9. The distance around a bicycle wheel is 6.28 feet. What is its diameter?
10. The area of a compact disc is 50.24 square centimeters. What is its radius?
11. The circumference of a dinner plate is 14.13 square inches. What is its radius?
12. The area of a CD-ROM label is 113.04 square centimeters. What is its diameter?