

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

1. If the radius of a circle is 3.5 in, then what is the diameter?
2. If the diameter of a circle is 9 cm, then what is the radius?
3. What is the circumference of a circle if the diameter is 7 ft?
4. What is the area of a circle if the radius is 5 cm?
5. If the circumference of a circle is 25.12 in, then what is the diameter?
6. If the area of a circle is  $50.24 \text{ in}^2$ , then what is the radius?
7. Find the circumference of a circle if the radius is 4.9 m.
8. Find the area of a circle if the diameter is 8 cm.
9. The distance around a bicycle wheel is 113.04 in. What is the diameter?
10. The area of a compact disc is  $78.5 \text{ cm}^2$ . What is the radius?
11. The circumference of a dinner plate is 47.1 in. What is the radius?
12. The area of a CD-ROM label is  $113.04 \text{ cm}^2$ . What is its radius?