Name: _____

Circle Word Problems

Solve each problem. Use 3.14 for π.

1. The circumference of a circle is 50.24 cm. What is its radius? Use 3.14 for π.

   Answer: _____

2. A round pizza has a diameter of 8 in. What is the area of the pizza? Use 3.14 for π.

   Answer: _____

3. A circular track has a radius of 7 m. How far is one lap around it? Use 3.14 for π.

   Answer: _____

4. A circular garden has a radius of 10 ft. What is its area? Use 3.14 for π.

   Answer: _____

5. A bike wheel has a diameter of 20 inches. How far does it roll in one full turn? Use 3.14 for π.

   Answer: _____

6. The circumference of a circle is 75.36 cm. What is its radius? Use 3.14 for π.

   Answer: _____

7. A round pizza has a diameter of 14 in. What is the area of the pizza? Use 3.14 for π.

   Answer: _____

8. A circular track has a radius of 10 m. How far is one lap around it? Use 3.14 for π.

   Answer: _____

9. A circular garden has a radius of 12 ft. What is its area? Use 3.14 for π.

   Answer: _____

10. A bike wheel has a diameter of 10 inches. How far does it roll in one full turn? Use 3.14 for π.

    Answer: _____

Name: **ANSWER KEY**

Circle Word Problems

Solve each problem. Use 3.14 for π.

1. The circumference of a circle is 50.24 cm. What is its radius? Use 3.14 for π.

Answer: 8 cm

2. A round pizza has a diameter of 8 in. What is the area of the pizza? Use 3.14 for π.

Answer: 50.24 sq in

3. A circular track has a radius of 7 m. How far is one lap around it? Use 3.14 for π.

Answer: 43.96 m

4. A circular garden has a radius of 10 ft. What is its area? Use 3.14 for π.

Answer: 314.00 sq ft

5. A bike wheel has a diameter of 20 inches. How far does it roll in one full turn? Use 3.14 for π.

Answer: 62.80 in

6. The circumference of a circle is 75.36 cm. What is its radius? Use 3.14 for π.

Answer: 12 cm

7. A round pizza has a diameter of 14 in. What is the area of the pizza? Use 3.14 for π.

Answer: 153.86 sq in

8. A circular track has a radius of 10 m. How far is one lap around it? Use 3.14 for π.

Answer: 62.80 m

9. A circular garden has a radius of 12 ft. What is its area? Use 3.14 for π.

Answer: 452.16 sq ft

10. A bike wheel has a diameter of 10 inches. How far does it roll in one full turn? Use 3.14 for π.

Answer: 31.40 in