Name: Date: Score: / 10

Circumference and Area of Circles

Using π ≈ 3.14. Worksheet 1 of 50

Use π ≈ 3.14. Round to the nearest hundredth.

1. A circle has radius 10 m.
   Circumference = _____
   Area = _____

2. A circle has diameter 30 cm.
   Circumference = _____
   Area = _____

3. A circle has radius 5 m.
   Circumference = _____
   Area = _____

4. A circle has diameter 12 in.
   Circumference = _____
   Area = _____

5. A circle has radius 7 in.
   Circumference = _____
   Area = _____

6. A circle has radius 15 in.
   Circumference = _____
   Area = _____

7. A circle has radius 13 m.
   Circumference = _____
   Area = _____

8. A circle has radius 9 in.
   Circumference = _____
   Area = _____

9. A circle has diameter 28 in.
   Circumference = _____
   Area = _____

10. A circle has diameter 16 cm.
    Circumference = _____
    Area = _____

ANSWER KEY

Circumference and Area of Circles (answers)

Using π ≈ 3.14. Worksheet 1 of 50

Use π ≈ 3.14. Round to the nearest hundredth.

1. A circle has radius 10 m.
   Circumference = **62.8 m**
   Area = **314 square m**

2. A circle has diameter 30 cm.
   Circumference = **94.2 cm**
   Area = **706.5 square cm**

3. A circle has radius 5 m.
   Circumference = **31.4 m**
   Area = **78.5 square m**

4. A circle has diameter 12 in.
   Circumference = **37.68 in**
   Area = **113.04 square in**

5. A circle has radius 7 in.
   Circumference = **43.96 in**
   Area = **153.86 square in**

6. A circle has radius 15 in.
   Circumference = **94.2 in**
   Area = **706.5 square in**

7. A circle has radius 13 m.
   Circumference = **81.64 m**
   Area = **530.66 square m**

8. A circle has radius 9 in.
   Circumference = **56.52 in**
   Area = **254.34 square in**

9. A circle has diameter 28 in.
   Circumference = **87.92 in**
   Area = **615.44 square in**

10. A circle has diameter 16 cm.
    Circumference = **50.24 cm**
    Area = **200.96 square cm**