Circumference and Area of a Circle: Worksheet 4.2

Name .... Date .... Score ....

Find the area and circumference of each circle. Circles are not to scale.

1.

10

2.

4

3.

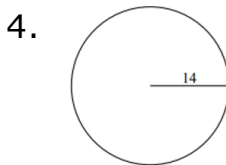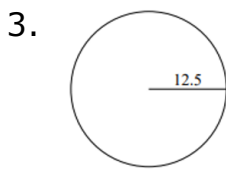12.5

4.

14

5.

9

6.

10.5

7.

14

8.

29

9.

1
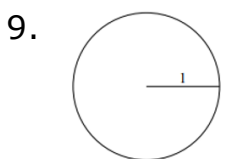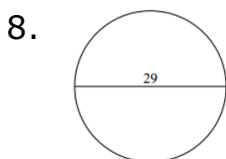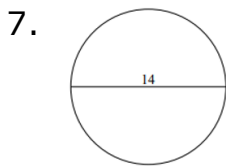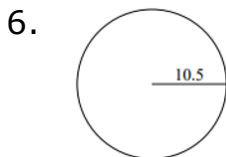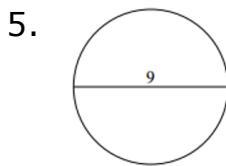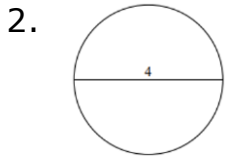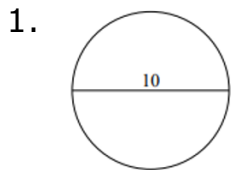
10.
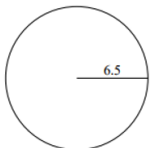
1. r = 5 units, Circumference = 31.4 units, Area = 78.5 sq. units

2. r = 2 units, Circumference = 12.56 units, Area = 12.56 sq. units

3. r = 12.5 units, Circumference = 78.5 units, Area = 490.63 sq. units

4. r = 14 units, Circumference = 87.92 units, Area = 615.44 sq. units

5. r = 4.5 units, Circumference = 28.26 units, Area = 63.59 sq. units

6. r = 10.5 units, Circumference = 65.98 units, Area = 346.19 sq. units

7. r = 7 units, Circumference = 43.96 units, Area = 153.86 sq. units

8. r = 14.5 units, Circumference = 91.06 units, Area = 660.19 sq. units

9. r = 1 unit, Circumference = 6.28 units, Area = 3.14 sq. units

10. r = 6.5 units, Circumference = 40.82 units, Area = 132.67 sq. units