

Name _____

Date _____



CCSS.Math.Content.7.G.B.4

Area and Circumference of a Circle

Directions: Help our leprechaun friend Lonnie find the area and circumference of his circular pieces of gold. He will give you the radius. Don't forget to show your work in the space provided!



1. Radius = 5

Circumference _____

Area _____

2. Radius = 2

Circumference _____

Area _____

3. Radius = 4

Circumference _____

Area _____

4. Radius = 1.5

Circumference _____

Area _____

5. Radius = 10

Circumference _____

Area _____

6. Radius = 3

Circumference _____

Area _____

7. Radius = 20

Circumference _____

Area _____

8. Radius = 14

Circumference _____

Area _____



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Answer Key:

1. **C = 31.4**
A = 78.75
2. **C = 12.56**
A = 12.56
3. **C = 25.12**
A = 50.24
4. **C = 9.42**
A = 7.065
5. **C = 62.8**
A = 314
6. **C = 18.84**
A = 28.26
7. **C = 125.6**
A = 1256
8. **C = 87.92**
A = 615.44

