

Name _____

Circle Magic: Unveiling the Secrets of Area and Circumference

Short Answer Key

1. To find the area of a circle, you square the radius and multiply it by π .
2. The radius of a circle represents the distance from the center of the circle to any point on its edge.
3. The formula for finding the circumference of a circle is $C = 2\pi r$, where r is the radius of the circle.
4. π represents the ratio of the circumference to the diameter of a circle, approximately equal to 3.14.
5. The formulas for finding the area and circumference of circles are important in mathematics because they provide tools for solving problems involving measurements, geometry, and real-world applications.

