

Name _____

Circle Magic: Unveiling the Secrets of Area and Circumference

Multiple Choice Questions

1. What does the formula $A = \pi r^2$ represent?
 - a) The area of a circle
 - b) The circumference of a circle
 - c) The diameter of a circle
 - d) The radius of a circle

2. How do you find the area of a circle?
 - a) Multiply the radius by 2
 - b) Divide the radius by 2
 - c) Square the radius and multiply by π
 - d) Multiply the radius by π

3. What does the symbol π represent in the formula for finding the area of a circle?
 - a) The diameter of the circle
 - b) The circumference of the circle
 - c) The ratio of the circumference to the diameter
 - d) The ratio of the circumference to the radius

4. What is the formula for finding the circumference of a circle?
 - a) $C = \pi r^2$
 - b) $C = 2\pi r$
 - c) $C = \frac{1}{2} \pi r$
 - d) $C = r$

5. How do you find the circumference of a circle?
 - a) Multiply the radius by 2
 - b) Divide the radius by 2
 - c) Multiply the radius by π
 - d) Multiply the radius by 2π

