

Circle Basics

A circle is the set of all points in a plane that are the same distance from a fixed point called the center. The distance from the center to any point on the circle is the radius. A diameter is twice the radius and passes through the center.

Quiz

1. What is the center of a circle?
2. What is the radius?
3. True or False: All points on a circle are the same distance from the center.
4. How is diameter related to radius?
5. Give one real-life example of a circle.

Answer Key

1. The fixed point inside the circle.
2. The distance from the center to the circle.
3. True
4. Diameter = $2 \times$ radius
5. Wheel, coin, clock, etc.