

Geometry Quiz: Circles

Grade Level: Grade 8 | **Date:** 2025-11-16

Instructions: Answer all questions. Show your work where applicable.

Here is a geometry quiz on Circles for Grade 8 students, designed with progressive difficulty and a focus on conceptual understanding, drawing inspiration from the provided reference material's mention of circles.

****Question 1:****

What is the special name for a line segment that connects two points on a circle and passes through its center?

- A) Radius
- B) Chord
- C) Diameter
- D) Arc

Correct Answer: C

Explanation: A diameter is defined as a line segment that connects two points on the circle and always passes through the center. A radius connects the center to one point on