



Definitions of Geometric Terms

Today's Standard

HSG.CO.A1 - Know precise definitions of angle, circle, perpendicular line, parallel line, and line segment, based on the undefined notions of point, line, distance along a line, and distance around a circular arc.

Cues	Notes
What is an angle?	An angle is formed by two rays with a common endpoint.
Define a circle.	A circle is a set of all points in a plane that are equidistant from a given point called the center.
What are perpendicular lines?	Perpendicular lines are lines that intersect at a right angle (90 degrees).
What are parallel lines?	Parallel lines are lines in a plane that never intersect and are always the same distance apart.
Describe a line segment.	A line segment is a part of a line that is bounded by two distinct endpoints.

Summary

Understanding precise definitions of geometric terms like angle, circle, perpendicular line, parallel line, and line segment is essential. These terms are foundational for more advanced geometric concepts and theorems.