Proportional Relationships in Ratios

Today's Standard

7.RP.A2a - Decide whether two quantities are in a proportional relationship, e.g., by testing for equivalent ratios in a table or graphing on a coordinate plane and observing whether the graph is a straight line through the origin.

Cues	Notes
Proportional Relationship Equivalent Ratios Coordinate Plane Graphing Origin	A proportional relationship means two quantities increase or decrease at the same rate. Equivalent ratios are ratios that express the same relationship between quantities. A coordinate plane is a two-dimensional plane formed by the intersection of a vertical y-axis and a horizontal x-axis. Graphing involves plotting points on the coordinate plane to visualize relationships. The origin is the point (0,0) on the coordinate plane where the x-axis and y-axis intersect.

Summary

Understanding proportional relationships involves identifying equivalent ratios and graphing them to see if they form a straight line through the origin.