



Positioning Rational Numbers

Today's Standard

6.NS.C6c - Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.

Cues	Notes
What is a rational number?	Rational numbers include integers, fractions, and decimals.
How do you plot points on a coordinate plane?	To plot points, identify the x-coordinate (horizontal) and y-coordinate (vertical).
What are common misconceptions about number lines?	Negative numbers are not always smaller than positive numbers. Coordinates are written as (x, y) and plotted accordingly.
How do you read coordinates?	

Summary

Understanding how to position integers and rational numbers on number lines and coordinate planes is essential. This involves recognizing the value of numbers relative to zero and correctly plotting points using coordinates.