



Understanding Inequalities on a Number Line

Today's Standard

6.NS.C7a - Interpret statements of inequality as statements about the relative position of two numbers on a number line diagram. For example, interpret $-3 > -7$ as a statement that -3 is located to the right of -7 on a number line oriented from left to right.

Cues	Notes
Inequality	Inequality statements compare two numbers.
Number Line	A number line helps visualize the position of numbers.
Negative Numbers	Negative numbers are to the left of positive numbers on a number line.
Greater Than	Greater than ($>$) means a number is to the right on the number line.
Less Than	Less than ($<$) means a number is to the left on the number line.

Summary

Understanding inequalities involves comparing numbers using a number line. Negative numbers are positioned to the left, and the inequality symbols $>$ and $<$ help determine which number is greater or lesser.