



Additive Inverses and Rational Sums

Today's Standard

7.NS.A1b - Understand $p + q$ as the number located a distance $|q|$ from p , in the positive or negative direction depending on whether q is positive or negative. Show that a number and its opposite have a sum of 0 (are additive inverses). Interpret sums of rational numbers by describing real-world contexts.

Cues	Notes
Additive Inverses	Additive inverses are pairs of numbers that sum to zero.
Absolute Value	Absolute value represents the distance of a number from zero.
Number Line	Number lines help visualize the addition of positive and negative numbers.
Rational Numbers	Rational numbers include fractions and decimals, not just integers.
Real-World Examples	Real-world examples include temperature changes, financial transactions, and elevation differences.

Summary

Understanding additive inverses and the addition of rational numbers helps students solve real-world problems and prepares them for more complex algebraic concepts.