

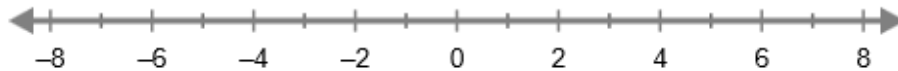


Vocabulary: Integers, Opposites, and Absolute Values



Vocabulary

- Absolute value – the distance of a number from zero on the number line.
 - The symbol of absolute value is vertical bars.
 - For example $|7| = 7$ means “the absolute value of seven is seven.”
 - The absolute value does not depend on the sign of the number.
 - For example, the absolute value of both -7 and 7 is 7 .
 - Absolute value is never negative.
- Inequality – a statement showing that one number is greater than ($>$) or less than ($<$) another number.
 - For example, $5 < 9$ is an inequality stating that 5 is less than 9 .
- Negative number – a real number with a value less than zero.
- Number line – a line with numbers marked at equal intervals.



- Opposite – a number that is the same distance from zero, but on the other side of zero, as a given number.
 - For example, 7 is the opposite of -7 , and -2 is the opposite of 2 .
 - A number and its opposite always add up to zero.

