

Chapter 1 (p. 15) absolute value	The distance of a number from zero on a number line; shown by $$. $-5 = 5$
Chapter 1 (p. 8) additive inverse	The opposite of a number. The additive inverse of 5 is -5.
Chapter 1 (p. 6) algebraic expression	An expression that contains at least one variable. $x + 8$ $4(m - b)$
Chapter 1 (p. 6) expression	A mathematical phrase that contains operations, numbers, and/or variables. $6x + 1$

Chapter 1 (p. 14)

integers

The set of whole numbers and their opposites.

$\dots, -3, -2, -1, 0, 1, 2, 3, \dots$

Chapter 1 (p. 32)

inverse operations

Operations that undo each other: addition and subtraction, or multiplication and division.

Adding 3 and subtracting 3 are inverse operations:

$$5 + 3 = 8; 8 - 3 = 5$$

Multiplying by 3 and dividing by 3 are inverse operations:

$$2 \cdot 3 = 6; 6 \div 3 = 2$$

Chapter 1 (p. 14)

opposites

Two numbers that are an equal distance from zero on a number line; also called *additive inverse*.

5 and -5 are opposites.



Chapter 1 (p. 6)

variable

A symbol used to represent a quantity that can change.

In the expression $2x + 3$, x is the variable.