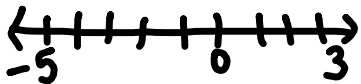


Integers

(You can use a number line to add two integers. Move to the right to add a positive integer. Move to the left to add a negative integer.)



Example 1: Add.

$$\begin{array}{r} -4 + 3 \\ -1 \end{array}$$

$$\begin{array}{r} -2 + (-3) \\ -5 \end{array}$$

$$\begin{array}{r} -4 + 6 \\ 2 \end{array}$$

$$3 + (-9) + (-1)$$

$$-6 + (-1) = -7$$

Example 2: Subtract.

$$\begin{array}{r} 7 - 9 \\ -2 \end{array}$$

$$\begin{array}{r} 2 + (+6) \\ 8 \end{array}$$

$$\begin{array}{r} -2 + (+2) \\ 0 \end{array}$$

When you multiply or divide integers, use these rules:

The product or quotient of two integers with the same sign is positive. $++ = +$ $-- = +$

The product or quotient of two integers with opposite signs is negative. $+ - = -$ $- + = -$

Example 3: Multiply or divide.

$$3(-4)$$

$$-12$$

$$-27 \div (-9)$$

$$+3$$

$$3$$

$$(10)(5)(-2)$$

$$50(-2)$$

$$-100$$

Name
Integers
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Notes Coordinate Plane Slope