

Adding Integers (Rules)

Same Sign Sum

if both integers are being added and have the same sign you add the two numbers together

★ the sign of the answer is the sign of the integers

Different Sign Difference

if one integer is positive and one integer is negative you subtract the two numbers.

★ the sign of the answer is the sign of the larger absolute value.

$$-2 + \textcircled{4} = 2$$
$$4 - 2 = 2$$

$$\textcircled{-10} + 7 = -3$$
$$10 - 7 = 3$$

$$\textcircled{-5} + \textcircled{-8} = -13$$

$$5 + 8 = 13$$

$$2 + ((-3) + (-4) + (-7))$$

$$2 + \textcircled{-14} = -12$$

$$-7 + 4 + (-3)$$

$$(-7 + -3) + 4$$

$$\textcircled{-10} + 4 = -6$$

$$5 + (-3) + 7 + (-2)$$

$$5 + (-3 + -2) + 7$$

$$(5 + -5)$$

0

7