

1.6 Subtracting Integers

To subtract an integer, add the opposite of the integer.

Ex) $3 - 4$

$$3 + -4 = (-1)$$

Ex) $6 - 11$

$$6 + -11 = (-5)$$

Ex) $-2 - 8$

$$-2 + -8 = (-10)$$

Ex) $4 - 9$

$$4 + -9 = (-5)$$

If you have a subtraction sign in front of a negative number change it to adding a positive number.

Ex) $6 - (-11)$

$$6 + 11 = (17)$$

Ex) $6 - 11$

$$6 + -11 = (-5)$$

Ex) $-2 - (-8)$

$$-2 + 8 = (6)$$

Ex) $4 - (-2)$

$$4 + 2 = (6)$$

Ex) $6 - (-6) + 6$

$$6 + 6 + 6 = (18)$$

Ex) $-13 - 17 + 10$

$$-13 + -17 + 10$$
$$-30 + 10 = (-20)$$

Ex) $40 - (-5) + 11$

$$40 + 5 + 11$$
$$45 + 11 = (56)$$