

How to Add Integers

*If the numbers have the **SAME SIGN:***

Positive + Positive
Negative + Negative

Add the numbers; Keep the Sign

EXAMPLES:

$$2 + 5 = 7$$

$$23 + 14 = 37$$

$$-5 + -4 = -9$$

$$-15 + -13 = -28$$

*If the numbers have **DIFFERENT SIGNS:***

Positive + Negative
Negative + Positive

Subtract the numbers; Keep the sign of the larger value.

$$-15 + 6 = -9$$

15 - 6 = 9, the answer will be negative because 15 is larger than 6

$$9 + -7 = 2$$

9 - 7 = 2, the answer will be positive because 9 is bigger than 7.

$$16 + -4 = 12$$

16 - 4 = 12, the answer will be positive because 16 is bigger than 4.

$$-11 + 7 = -4$$

11 - 7 = 4. The answer will be negative because 11 is bigger than 7.