

# Adding and Subtracting Integers



Remember from our Lesson?

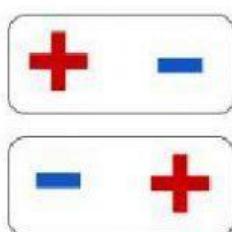
$$3 + (-5) = -2$$

That's the same as:

$$3 - 5 = -2$$

## INTEGER RULE

When **adding** a negative or  
**Subtracting** a positive

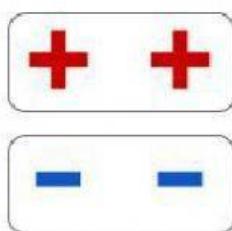


Example:

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

$$3 - (+2) = 3 - 2 = 1$$

When **adding** a positive or  
**Subtracting** a negative

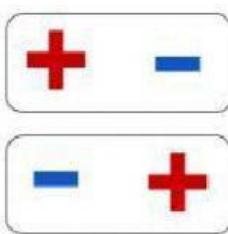


$$5 + (+3) = 5 + 3 = 8$$

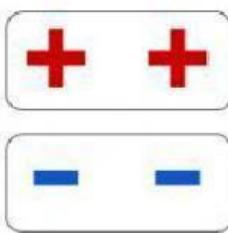
$$3 - (-2) = 3 + 2 = 5$$

Try Solving  
Your Own on the  
Next Page!

When **adding** a negative or  
**Subtracting** a positive



When **adding** a positive or  
**Subtracting** a negative



First, **convert the operation** using  
the **integer rule**.

(Don't solve).

**The first one is done for you.**

$$5 + (-5) = 5 - 5$$

$$4 + (-2) =$$

$$5 - (+3) =$$

$$2 - (-3) =$$

$$3 + (+1) =$$

$$-8 - (-2) =$$

**Now, convert the operation in your head, then solve:**

The first 6 equations are the same as above,  
but now you are **only writing the final answer**

**Use the Number Line below to help you.**

$$5 + (-5) = 0$$

$$-10 - (-5) =$$

$$4 + (-2) =$$

$$6 + (+3) =$$

$$5 - (+3) =$$

$$-3 - (-2) =$$

$$2 - (-3) =$$

$$5 - (+3) =$$

$$3 + (+1) =$$

$$2 - (-8) =$$

$$-8 - (-2) =$$

$$-5 + (-5) =$$

