

**Addition and Subtraction  
Steps**

1. Look at each number and make sure each number has one sign.

2. If a number has more than one sign, make one sign.

3. Look at the signs- are they different or the same?



**Same Signs**

add absolute values and keep common sign

**Different Signs**

Subtract absolute values and keep the sign of the number with the greater absolute value

You have...Opposite = Negative +(-)
You have the opposite...of negative = Positive -(-)
- (+) You have opposite... of positive = Negative
+(+) You have...Positive= Positive

***Song (To the tune of: Row, Row, Row Your Boat)***  
***Same sign, keep and add***  
***Different signs, subtract***  
***Keep the sign of the greater absolute value,***  
***Then you'll be exact!***



## Adding to a Negative Integer



$$-2 + 6 =$$

different  
signs

$$|6| - |-2|$$

$$6 - 2$$

$$\boxed{4}$$



## Subtracting from Negative Integers



$$-4 - 3 =$$

Same  
sign

$$|-4| + |-3|$$

$$4 + 3$$

Keep  
sign

$$\boxed{-7}$$



Try some on your own.

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

$$\begin{array}{r} | -8 | - | 6 | \\ 8 - 6 \\ \hline 2 \end{array}$$

$$-4 + 6 =$$

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

$$-9 + 3 = -6$$

$$\begin{array}{r} | -9 | - | 3 | \\ 9 - 3 \\ \hline 6 \end{array}$$

Keep

$$2 - (-7) = 2 + 7 = 9$$

$$-5 - 2 = -7$$

