

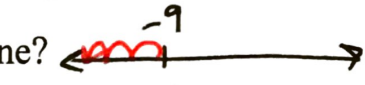
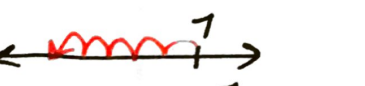
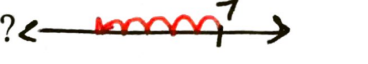


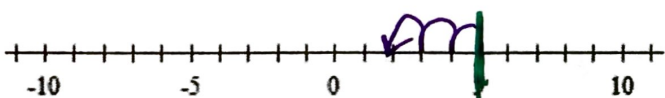
Answer the following questions:

1. What directions would $6+2$ move on a number line? 
2. What directions would $-6+1$ move on a number line? 
3. What directions would $-9+(-3)$ move on a number line? 
4. What directions would $7-5$ move on a number line? 
5. What directions would $7+(-5)$ move on a number line? 

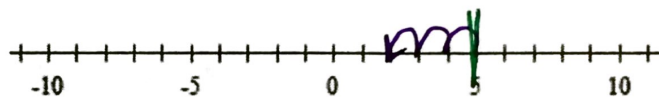
Subtracting Integers Using Number Lines:

Use a number-line to show how to solve the following problems:

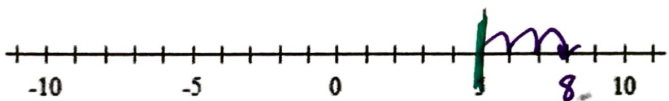
A) $5+(-3)=2$



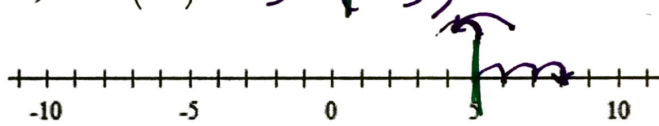
B) $5-3=2$



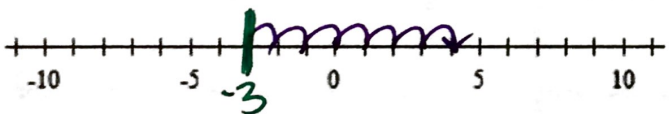
C) $5+3=8$



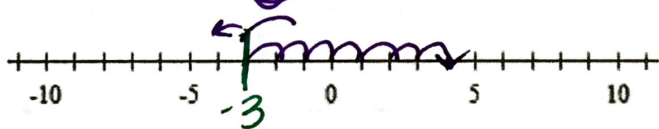
D) $5-(-3)=5+3=8$



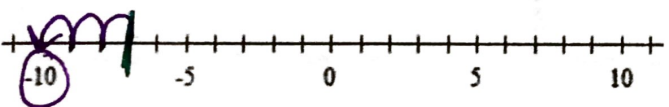
E) $-3+7=4$



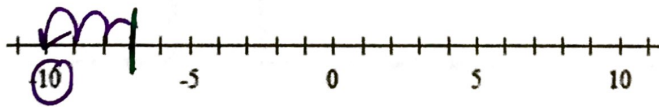
F) $-3-(-7)=-3+7=4$



G) $-7+(-3)=-10$



H) $-7-3=-10$



What did we notice? Adding a $-$ is the same as SUBTRACTING
 $-(-)$ is just like ADDING.

Notes 1-4

Int 1

Subtracting Integers

Unit 1

Chip Boards (Neutralization):

I)

$4 - 2 = 2$

J)

$2 - 4 = -2$

K) $4 - (-2) = 6$

$4 - (-2) = 6$

Zero Pair:

Can add some in
Whenever you need
extra signs in your portion.

L)

$-4 - (-2) = -2$

$-7 + 4$
M) $-7 - 4$

$-7 - 4 = -11$

N)

$-1 - (-6) = 5$

Battle or Recruit ONLY WORKS IN ADDITION PROBLEMS!

$$P) -8 + 20 =$$

$$-8 + -20$$

$$\boxed{-28}$$

$$Q) -8 - (-20) =$$

$$-8 + 20 = \textcircled{+12}$$

$$R) \underline{-7 - (-4)} - 3 =$$

$$\underline{-7 + 4}$$

$$-3 + -3$$

$$-3 + -3 = \textcircled{-6}$$

Practice:

$$S) 25 - (-19) = \textcircled{44}$$

$$25 + 19$$

$$T) -30 + (-16) =$$

$$\textcircled{-46}$$

$$U) -45 + 10 =$$

$$\underline{-45} + \underline{10}$$

$$\textcircled{-55}$$

$$V) -25 - 19 = -44$$

$$W) 15 + 27 =$$

$$\underline{15} + \underline{-27} = \textcircled{-12}$$

Battle

$$\begin{array}{r} 27 \\ -15 \\ \hline 12 \end{array}$$

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