Review: Write each as an algebraic expression.

1. Loss of 10 yards   **-10**

2. a deposit of $900   **+900**

3. 78 feet below sea level   **-78**

Name the coordinates for each point and it's quadrant.
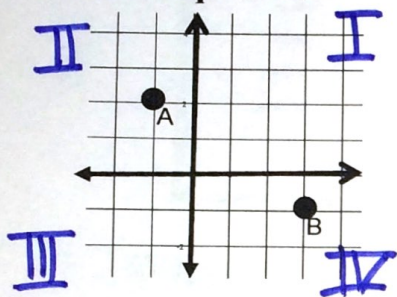
4. A $(-1, 2)$ **II**

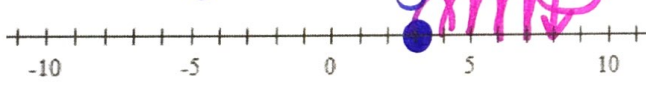5. B $(3, -1)$ **IV**

Find each absolute value.

6. $|12 - 8| + |6 + 3| = 13$
   $|4|$ $|9|$
   $4 + 9$

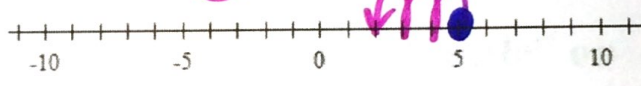7. $|-20| - |9| = 11$
   $20 - 9$

Adding Integers

Number Lines: Use a number-line to show how to solve the following problems:
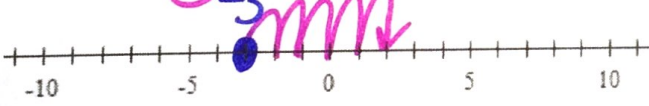
A) $3 + 5 = 8$

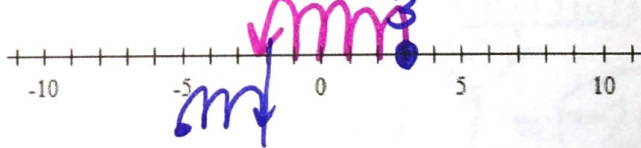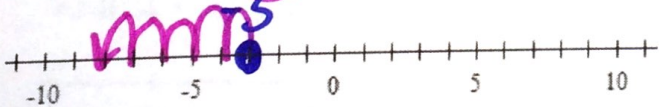B) $5 - 3 = 2$

C) $-3 + 5 = 2$

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

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

What Did You Notice? _____

Chip Boards (Neutralization):

F)

$$4 + 2 = 6$$

G)

$$-4 + 2 = -2$$

H)

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

More Chip Boards (Neutralization):

I)
$$-4 + -2 = -6$$

J)
$$-7 + 4 = -3$$

K)
$$-1 + 6 = 5$$

What did you notice?

Battle or Recruit

For the following equations, circle if the numbers will "battle" or "recruit" and then evaluate.

Battle or Recruit

L) $8 + 20 = 28$

Battle or Recruit

M) $-8 + 20 = +12$

$$\frac{20}{-8} \atop 12$$

Battle or Recruit

N) $-14 + (-7) = -21$

What did you notice? _____

_____

Practice:

$$\frac{185}{-19}$$

P) $25 + (-19) = +6$

Q) $-30 + -16 = -46$

$$\frac{45}{-10}$$

R) $-45 + 10 = -35$

S) $-25 + 19 = -6$