*The War of the Integers…*

*Addition and Subtraction: A Review*

What do we remember about integer addition and subtraction? I think of it as a battle.

|  |  |
| --- | --- |
| Blue 🡪 Postive | Red 🡪 Negative |
|  |  |

\*Don’t believe everything you see on TV\*

1) Our first question is an easy one!

$$\left(+3\right)+\left(+3\right)=\\_\\_\\_\\_\\_\\_\\_$$

Practice with your army men! If you take 3 blue , and you add 3 more, how many do you have?

2) Let’s say this squadron meets in battle with 4 red , what happens when to soldiers meet?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. How many soldiers are left over? Is this positive or negative?

$$\left(+6\right)+\left(-4\right)=\\_\\_\\_\\_\\_\\_\\_$$

3) Now if we start with negative numbers, and the positive army just does not have enough men, what will be left over?

$$\left(-6\right)+\left(+3\right)=\\_\\_\\_\\_\\_$$

Now try some examples.

For each example, ***circle*** the first ***number*** and the ***answer*** on the number line.

Draw an ***arrow*** from the ***first number*** to the ***answer***.

Write down the direction the arrow goes each time.

Practice

1)

$$\left(-4\right)+\left(-5\right)=(-9)$$



Direction: Left

2)

$$\left(-4\right)+\left(+5\right)=\\_\\_\\_\\_\\_\\_\\_\\_$$



Direction:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3)

$$\left(+6\right)+\left(-10\right)=\\_\\_\\_\\_\\_\\_\\_\\_$$



Direction:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4)

$$\left(+7\right)+\left(-12\right)=\\_\\_\\_\\_\\_\\_\\_\\_$$



Direction:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5)

$$\left(-3\right)+\left(-7\right)=\\_\\_\\_\\_\\_\\_\\_\\_$$



Direction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Challenge Questions**

6)

$$\left(+7\right)+ \\_\\_\\_\\_\\_\\_\\_=(-8)$$



Direction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7)

$$\left(-5\right)+ \\_\\_\\_\\_\\_\\_\\_=(+8)$$



Direction: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Finish the sentences***

When I add a negative number the arrow goes to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

When I add a positive number the arrow goes to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.