

Name: \_\_\_\_\_

N. #2

Notes 1.2: Subtracting Integers

**Objective:**

- I can determine the difference of two integers on a number line.
- I can determine the difference between two integers using the rules.

**Rules for Subtracting Integers :**

1. Change the problem into an addition problems using (KCC)
  - a. **Keep** the first term the same
  - b. **Change** the subtraction sign to addition.
  - c. **Change** the sign of the second term (\_\_\_\_  $\rightarrow$  \_\_\_\_), (\_\_\_\_  $\rightarrow$  \_\_\_\_)
2. Then follow the rules of adding integers.

**Directions:** Rewrite each subtraction problem as an addition problem. Use a number line to evaluate each expression.

**Example 1:**  $-4 - 6$



**Example 3:**  $5 - 8$



**Example 4:**  $-10 - 3$



**Directions:** Determine the difference of the following expressions.

**Example 1:**  $-8 - (-2)$

**Example 2:**  $-285 - (-96)$

**Example 3:**  $17 - 9$

**Example 4:**  $-11 - 11$

**Example 5:**  $-34 - (-29)$

**Example 5 - 8**

**Can you solve there?**

1.  $-45 - (-61) - (-99)$

2.  $-26 - 57 - (-82)$

Name: \_\_\_\_\_

ET. #2

Exit Ticket 1.2: Subtracting Integers

**Objective:**

- I can determine the difference of two integers on a number line.
- I can determine the difference between two integers using the rules.

**Directions:** Evaluate the expression below using a number line.

1.  $-3 - (-7)$



**Directions:** Evaluate each expression using the rules of subtracting integers.

2.  $-2 - (-23) =$  \_\_\_\_\_

3.  $-24 - 18 =$  \_\_\_\_\_

4.  $12 - 41 =$  \_\_\_\_\_

Name: \_\_\_\_\_

HW. #1

Homework 1.2: Adding Integers

**Objective:**

- I can determine the difference of two integers on a number line.
- I can determine the difference between two integers using the rules.

**Directions:** Evaluate the expression below using a number line.

1.  $-2 - 4$



2.  $-11 - (-4)$



**Directions:** Evaluate each expression using the rules of adding integers.

3.  $112 - (-74) = \underline{\hspace{2cm}}$

4.  $-25 - (-25) = \underline{\hspace{2cm}}$

5.  $12 - (-3) = \underline{\hspace{2cm}}$

6.  $11 - (-26) - 32 = \underline{\hspace{2cm}}$