Lesson 5.1 – Ordering Integers on a Number Line

**Standard:** *Number Sense 1.5*– Identify and represent on a number line decimals, fractions, mixed numbers and positive and negative numbers.

**Content Objective (Know):** I will know how to multiply decimals.

**Language Objective (Do):** I will write on my white board then orally describe the steps to multiply decimals to my shoulder partner and in mix-pair share.

**Vocabulary:**

1. **Integers –**

**Example –**

1. **Negative Integers –**

**Example –**

1. **Positive Integers –**

**Example –**

1. **Opposite –**

**Example -**

**Example 1: Writing Integers**

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| **Words** | |
| **Positive Integers** | **Negative Integer** |
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**Whiteboard – CFU**

1. **In three plays of a football game, a team gains 7 yards, loses 10 yards, and gains 9 yards. Use integers to represent the gains and losses.**

**a.)** 7 yard gain = \_\_\_\_\_\_\_\_\_\_\_\_ **b.)** 10 yard loss = \_\_\_\_\_\_\_\_\_\_\_\_\_

**c.)** 9 yard gain = \_\_\_\_\_\_\_\_\_\_\_\_

1. **A bank account has deposits of $100 and $150. It also has a withdrawal of $75. Use integers to represent the deposits and withdrawals.**

**a.)** $100 deposit = \_\_\_\_\_\_\_\_\_\_\_  **b.)** $150 Deposit = \_\_\_\_\_\_\_\_\_\_\_\_

**c.)** $75 withdrawal = \_\_\_\_\_\_\_\_\_\_\_\_

**Example 2: Comparing Integers on a number line**

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| **a.) -1 \_\_\_\_\_\_1 b.) 6\_\_\_\_\_\_-2 c.) -9 \_\_\_\_\_\_\_0**  **d.) -1 \_\_\_\_\_\_\_\_\_-6 e.) 0\_\_\_\_\_\_\_\_-1 f.) -9\_\_\_\_\_\_\_\_\_8** |

**Whiteboard – CFU**

1.) 34 \_\_\_\_\_\_\_\_\_-43 2.) -17 \_\_\_\_\_\_\_\_\_-13

3.) 42 \_\_\_\_\_\_\_\_\_\_\_37 4.) 26 \_\_\_\_\_\_\_\_\_\_-267

**Place in order from least to greatest**

5.) -28, 18, 7, -78, 0 6.) 99, -28, 28, -10, 1