Lesson 5.3 – Subtracting Integers

**Standard:** *Number Sense 2.3*– Solve addition, subtraction, multiplication, and division problems including those arising in concrete situations, that use positive and negative integers and combinations of those integers.

**Content Objective (Know):** I will know how to subtract positive and negative integers.

**Language Objective (Do):** I will demonstrate how to subtract positive and negative integers by solving multiple problems, written on my whiteboard.

**Review:**

1.) -5 + (-11) 2.) -9 + 6

3.) 0 + (-7) 4.) -13 +15

**Example 1:** -3 - 3

**Step 1:** Make the subtraction sign a addition sign

**Step 2:** Place a negative on the number after the addition sign.

**Step 3:** Draw a circle with a negative sign in the middle for each negative integer in the

problem.

**Step 4:** For every positive there is cross out a negative.

**Step 5:** Add up how many positives/negatives are left when one runs out.

|  |  |
| --- | --- |
| **Positives** |  |
| **Negatives** |  |

**Example 2: 4- (-9)**

**Step 1:** Make the subtraction sign a addition sign

**Step 2:** Place a negative on the number after the addition sign.

**Step 3:** Draw a circle with a negative sign in the middle for each negative integer in the

problem.

**Step 4:** For every positive there is cross out a negative.

**Step 5:** Add up how many positives/negatives are left when one runs out.

|  |  |
| --- | --- |
| **Positives** |  |
| **Negatives** |  |

**Example 3: 15- (-18)**

**Step 1:** Make the subtraction sign a addition sign

**Step 2:** Place a negative on the number after the addition sign. If there’s a negative sign make it the opposite (Positive)

**Step 3:** Add up the numbers.

**Whiteboard – CFU**

1.) -5 - (-11) 2.) 7 + -6

3.) 7 - (-7) 4.) 54 – (-15)