**Math 8 Journal Entries**

**Learning Guide 8 (Integers)**

**Expectation 1:**

Explain how to add and subtract integers. Use an example to illustrate.

**Expectation 2:**

Explain how to use a sign rule to multiply and divide integers. Use an example to illustrate.

**Expectation 3:** Read the “Key Ideas” on page 314 and complete the following.

We use the order of operations (BEDMAS) to decide which calculation to do first when solving a problem. If we don’t follow it, we will get a different answer.

**Complete the following chart that explains the order of operations (BEDMAS)**

|  |  |  |
| --- | --- | --- |
| **Letter** | **Meaning** | **Example** |
| **B** |  |  |
| **E** | **Exponents** | **52** |
|  **D** |  |  |
|  **M** |  |  |
| **A** |  |  |
| **S** |  |  |

Note\*\* D and M are treated as a group you do whichever comes first from the left to the right of the equation. A and S are also treated the same way.

When solving a question, we start from the \_\_\_\_\_ and move towards the \_\_\_\_\_\_.

Complete the following order of operations (bedmas) question working down and describe what you are doing.

**-2 x ( 4+5 ) + 6** **÷** **3 =**