**Math 9 Journal Entries**

**Learning Guide 2 Expectation 1**

**Expectation 1: Using exponents to describe numbers**.

A. Write down in your own words the definition of a **power** below:

B. Write down two examples of **powers** showing each **base** and **exponent** below:

1

2

**Learning Guide 2 Expectation 2**

**Expectation 2: Exponent laws.**

**Very Important Reminder:**

Remember to use the correct exponent laws **for all your calculations**.

A. Write down one example of using each of the six exponent laws using your own numbers.

1

2

3

4

5

6

**Learning Guide 2 Expectation 3**

**Expectation 3: Order of operations.**

**Very Important Reminder:**

Remember to **always** use the correct order of operations when you calculate or evaluate expressions using **BEDMAS** (**B**rackets, **E**xponents, **D**ivision, **M**ultiplication, **A**ddition, **S**ubtraction).

Complete the following questions, showing your order of operations clearly (step by step):

1. 
2. 
3. 