**Exponential Expressions Journal Page**          Name _____

1.  **Some real world situations that are represented using exponents might be:**

2.  **The exponent in an expression tells how many times the base will be used as a factor.  Write an expression that shows any base used as a factor 2 times.  Write another that shows a base being used as a factor 3 times.  Then write a third expression showing a bas being used as a factor 4 times.**

3.  **Any number to the zero power is _____.   Ex.  6^0 = _____**

4.  **If the exponent of a number is a negative integer, this tells us to write the _____ of the product.**

| Word | Example | Sketch the meaning. *OR* explain the meaning. |
|---|---|---|
| **Base** | | |
| **Exponent** | | |
| **Power** | | |
| **Exponential Form** | | |
| **Square number** | | |
| **Square root** | | |
| **Exponential expression** | | |