**Monday:**  **Define each of the following math terms using your notes or other resources.**

1. Evaluate: 2. Exponent: 3. Base:

4. Co-efficient: 5. Variable:

**Tuesday: Scientific Notation – write each number in standard form.**

**1.** 9.03 × = **2.** 7.89 × = **3.** 5.1 × = **4.** 7.7 × =

**Write each number in scientific notation.**

**5.** 4,400 = **6.** 75,000 = **7.** 0.084 = **8.** 0.0099 =

**9.** Which number is greater: or ? Explain

**10. SOLAR SYSTEM** Pluto is 3.67 × miles from the Sun. Write this number in standard form.

**Wednesday: Write the following in standard form. (There are some on the back)**

**1.** 4.115 × = **2.** 3.85 × =

**Write each number in scientific notation.**

**3.** 69,900,000 = **4.** 0.000000515 =

**5. MEASUREMENT** One centimeter is equal to about 0.0000062 mile. Write this number in scientific   
 notation.

**Evaluate each expression. Express the result in scientific notation. (Use multiplication OR division rules)**

**6.** (7.3 × )(2.4 ×) **7.** ( )( )

**Evaluate each expression. Express the result in scientific notation. (Use multiplication OR division rules)**

**8.**  **9.**

**10. MARS** The diameter of Mars is about 6.8 × kilometers. The diameter of Earth is about 1.2763 × kilometers.   
 About how much greater is Earth’s diameter than the diameter of Mars?

**Thursday: Evaluate each expression. Express the result in scientific notation.**

**1.** ( )( ) **2.** ()() **3.**

**4.**  **6.** ( ) + ( ) **7.** ( ) + ( )

**8.** ( ) – ( ) **9.** ( ) – ()

**10. WAREHOUSE** A factory builds a new warehouse   
that is approximately 1.28 ×square feet. Later, they add on 1.13 × more square feet for offices. Use scientific notation to write the total size of the new building.