**Multiplying in Scientific Notation**

Step 1: Multiply the **decimals**.

Step 2: Multiply the **powers of 10**.

Step 3: Put the **decimal answer** from Step 1 & the **power of 10 answer** Step 1, back together.

Step 4: Make sure your final answer is in Scientific Notation.

Let’s Try:

1. Evaluate (7 x 105)(5 x 103)

**Step 2:** Multiply the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 1:** Multiply the \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 4:** Make sure the final answer is

 in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(7 x 105)(5 x 103)

**Step 3:** Combine Step 1&2

1. Evaluate (3.06 x 108)(2.3 x 103)

**Step 2:** Multiply the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 1:** Multiply the \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Step 4:** Make sure the final answer is

 in \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(3.06 x 108)(2.3 x 103)

**Step 3:** Combine Step 1&2

You Try:

|  |
| --- |
| **1)** (7 x 107)(5 x 10-5) |
| **2)** (5 x 108)(2.6 x 10-16) |
| **3)** 7(4 x 105) |
| **4)** (4 x 109)(11 x 103) |
| **5)** 0.5(1.2 x 10-3) |
| **6)** (6 x 1015)(3.2 x 102) |