**Scientific Notation Name \_\_\_\_\_\_\_\_\_\_\_\_**

**1) Standard Form to Scientific Notation**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  x 10

Example 1: 0.000000958

Example 2: 813,000,000

**2) Scientific Notation to standard form**

\*Look at the exponent. Move the decimal that many places to the RIGHT if it’s positive, and to the LEFT if it’s negative.

Example 1: 3.7 x 105

Example 2: 4 x 106

Example 3: 4.67 x 10-4

You try: Write each number in scientific notation.

1) 7,400,000 2) 0.00453

Write each number in standard form.

3) 5.54 x 103 4) 3.84 x 10-5

5) Earth is about 9.292 x 107 miles from the Sun. Write this number in standard form.