

## (5a.) Worksheet #3

First & Last Name(s): \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

### SCIENTIFIC NOTATION

1.) For each of the following problems convert to standard notation or scientific notation.

a)  $2.3 \times 10^4$

b) 45,000,000

c)  $6 \times 10^{-2}$

d) 0.00023

e)  $4.1 \times 10^8$

f) 0.0000000000005

g)  $1.23 \times 10^{-7}$

h) 230100000000

2.) What is the difference between a positive and negative exponent? For example, what is the difference between  $5 \times 10^2$  m and  $5 \times 10^{-2}$  m?

Binder #: \_\_\_\_\_