Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Homeroom: \_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_ **1.8**

**Scientific Notation Homework (MATH.2.3)**

**Part I: Converting Between Standard Form and Scientific Notation**

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**Part II: Multiplying with Scientific Notation**

1) $\left(1.6×10^{4}\right)×\left(4×10^{6}\right)$ 2) $\left(2.5×10^{5}\right)×\left(2×10^{8}\right)$

 3) $\left(7.3×10^{9}\right)×\left(1×10^{-5}\right)$ 4) $\left(4.1×10^{-3}\right)×\left(2×10^{-4}\right)$

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**Part III: Dividing with Scientific Notation**

**Part IV: Using Powers (Exponents) with Scientific Notation**

1) (6 x 10-5)3 2) (6.3 x 102)-6

3) (5.21 x 10-5)2 4) (2.4 x 10-5)4

***Do you understand what we have learned in scientific notation so far?***