

Name \_\_\_\_\_

Mrs. Roubos

Date \_\_\_\_\_

8R Period \_\_\_\_\_

#14

Homework

Rewrite in scientific notation.

1) 357 \_\_\_\_\_

2) 0.00127 \_\_\_\_\_

For each problem below, place the proper sign (<, >, =) in the space provided.

3) 5,100 \_\_\_\_\_  $5.1 \times 10^3$

4)  $4.3 \times 10^{-4}$  \_\_\_\_\_  $4.32 \times 10^{-4}$

5)  $7.8 \times 10^{-7}$  \_\_\_\_\_  $7.8 \times 10^{-8}$

6)  $3.2 \times 10^{-10}$  \_\_\_\_\_  $3.2 \times 10^{10}$

For each problem below, place the numbers in order from least to greatest

7)  $2.65 \times 10^{-3}$ ,  $6.7 \times 10^{-5}$ ,  $4.25 \times 10^6$

8)  $1 \times 10^8$ ,  $2 \times 10^{-3}$ ,  $4 \times 10^4$ ,  $9 \times 10^{-2}$

9)  $1.2 \times 10^5$  is how many times as great as  $6 \times 10^3$ ? 2/20/200/2,000 times?

10)  $7.5 \times 10^7$  is how many times as great as  $2.5 \times 10^4$ ? 3/30/300/3,000 times?