

## Comparing Magnitudes

Score \_\_\_\_\_ Per \_\_\_\_\_

**Fill in the blank** with the correct symbol: =, <, or >

1.  $10^3$  \_\_\_\_\_  $10^{-3}$

4.  $62 \times 10^3$  \_\_\_\_\_  $6.2 \times 10^4$

2.  $4 \times 10^5$  \_\_\_\_\_  $2 \times 10^7$

5. 0.00008 \_\_\_\_\_  $8 \times 10^{-4}$

3.  $4.3 \times 10^{-5}$  \_\_\_\_\_  $1.8 \times 10^{-6}$

6.  $2.7 \times 10^3$  \_\_\_\_\_  $9.3 \times 10^3$

**Order** the numbers in each list from least to greatest, where **1 is the least** and **4 is the greatest**.  
(Helpful strategy: Change all the numbers to standard form if you want to.)

7.  $7 \times 10^{-7}$  \_\_\_\_\_

8.  $5.01 \times 10^{-4}$  \_\_\_\_\_

$6 \times 10^{-8}$  \_\_\_\_\_

$4.8 \times 10^{-3}$  \_\_\_\_\_

$5 \times 10^{-6}$  \_\_\_\_\_

$5.2 \times 10^{-2}$  \_\_\_\_\_

$4 \times 10^{-10}$  \_\_\_\_\_

$5.6 \times 10^{-2}$  \_\_\_\_\_

9. 62,040 \_\_\_\_\_

10.  $10^{-3}$  \_\_\_\_\_

$6.2 \times 10^2$  \_\_\_\_\_

$5 \times 10^{-3}$  \_\_\_\_\_

$6.207 \times 10^3$  \_\_\_\_\_

$8 \times 10^{-2}$  \_\_\_\_\_

$6.34 \times 10^{-1}$  \_\_\_\_\_

$4 \times 10^{-1}$  \_\_\_\_\_

