

# Comparing Numbers in Scientific Notation

A) Compare the numbers using  $<$ ,  $>$ , or  $=$ .

1)  $8.401 \times 10^{12}$    $84.01 \times 10^{11}$

2)  $6322.5 \times 10^{-5}$    $9.07 \times 10^{-8}$

3)  $0.0560 \times 10^{-1}$    $0.056 \times 10^{-10}$

4)  $0.10 \times 10^6$    $726,010,000$

# Preview

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B) 1) Which of the following is equal to 6,148,000?

- a)  $2.58 \times 10^{14}$       b)  $6.148 \times 10^6$       c)  $8.65 \times 10^{-6}$       d)  $6.148 \times 10^5$

2) Which of the following is greater than  $9.23 \times 10^{-8}$ ?

- a)  $1.02 \times 10^9$       b)  $9.23 \times 10^{-12}$       c)  $2.51 \times 10^{-11}$       d)  $4.09 \times 10^{-9}$