

# Comparing Numbers in Scientific Notation

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

1)  $5.025 \times 10^{-2}$    $1.025 \times 10^{-2}$

2)  $4.6 \times 10^{-2}$    $3.72 \times 10^{12}$

3)  $7.12 \times 10^{-6}$    $9.99 \times 10^3$

4)  $3.333 \times 10^2$    $3.333 \times 10^2$

# Preview

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B) 1) Which of the following is less than  $6.124 \times 10^{-2}$ ?

- a)  $7.1242 \times 10^8$     b)  $9.01 \times 10^{-2}$     c)  $4.652 \times 10^{10}$     d)  $6.023 \times 10^{-6}$

2) Which of the following is greater than  $8.785 \times 10^0$ ?

- a)  $7.82 \times 10^{-3}$     b)  $1.8 \times 10^2$     c)  $6.727 \times 10^{-4}$     d)  $3.04 \times 10^{-7}$