

Comparing Numbers in Scientific Notation

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

1) 3.5466×10^{14} 2.823×10^3

2) 7.94×10^{-12} 4.06×10^{-9}

3) 5.22×10^{-10} 2.72×10^4

4) 2.621×10^{11} 2.621×10^{11}

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B) 1) Which of the following is greater than 8.6207×10^5 ?

- a) 5.547×10^4 b) 1.79×10^{-1} c) 3.6×10^{-2} d) 9.8201×10^6

2) Which of the following is less than 5.3×10^3 ?

- a) 8.12×10^3 b) 7.66×10^4 c) 2.466×10^{-1} d) 6.987×10^3