

Homework

Rewrite in scientific notation.

1) 357 3.57×10^2

2) 0.00127 1.27×10^{-3}

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

3) 5,100 = 5.1×10^3

5.1×10^3 5.1×10^3

$5.1 = 5.1$

4) 4.3×10^{-4} < 4.32×10^{-4}

$4.3 < 4.32$

5) 7.8×10^{-7} > 7.8×10^{-8}

$-7 > -8$

6) 3.2×10^{-10} < 3.2×10^{10}

$-10 < 10$

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

7) 2.65×10^{-3} , 6.7×10^{-5} , 4.25×10^6

6.7×10^{-5} , 2.65×10^{-3} , 4.25×10^6

8) 1×10^8 , 2×10^{-3} , 4×10^4 , 9×10^{-2}

2×10^{-3} , 9×10^{-2} , 4×10^4 , 1×10^8

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

$(1.2 \times 10^5) \div (6 \times 10^3) = \boxed{20}$

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

$(7.5 \times 10^7) \div (2.5 \times 10^4) = \boxed{3,000}$

★ must
use parentheses

★ answers
are in
flow mode