

Math 1303 - Math in the Liberal Arts

Quiz #17 - 2014.11.14

Solutions

1. Express the number 0.00275 in scientific notation.

$$0.00275 = 2.75 \times 10^{-3}$$

2. Express the number 3.9×10^3 in decimal notation.

$$3.9 \times 10^3 = 3900$$

3. Perform the indicated operation, express your answer in scientific notation:

$$\frac{8.4 \times 10^{-6}}{4.0 \times 10^{-3}} = 2.1 \times 10^{-3}$$

4. Compute $(-1)^{324651}$.

$$(-1)^{324651} = (-1)^{324650+1} = (-1)^{324650} \cdot (-1) = -1$$