

Name : _____

Scientific Notation - Standard

Negative: ES3

Example:

Write 1.06×10^{-2} in standard notation.

Here the exponent is -2. We should move the decimal point 2 places to the left.

$$\begin{array}{c} \text{0} \swarrow \text{0} \searrow \text{1} \cdot \text{0} \text{6} \\ 1.06 \times 10^{-2} = \mathbf{0.0106} \end{array}$$

Express each number in standard notation.

1) $2.152 \times 10^{-3} =$ _____ 2) $6.756 \times 10^{-2} =$ _____

3) $1.0569 \times 10^{-5} =$ _____ 5) _____

5) $5.2 \times 10^{-2} =$ _____

7) $6.1014 \times 10^{-1} =$ _____

9) $9.02 \times 10^{-3} =$ _____ 4) _____

11) $5.155 \times 10^{-5} =$ _____ 12) $2.56 \times 10^{-5} =$ _____

13) $2.78 \times 10^{-2} =$ _____ 14) $7.5962 \times 10^{-4} =$ _____

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