

Name : _____

Scientific Notation - Standard

Negative: ES4

Example:

Write 2.95×10^{-2} in standard notation.

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

$$\begin{array}{c} 0 \swarrow 0 \searrow 2 \cdot 9 \ 5 \\ 2.95 \times 10^{-2} = \mathbf{0.0295} \end{array}$$

Express each number in standard notation.

1) $1.058 \times 10^{-2} =$ _____ 2) $8.02 \times 10^{-4} =$ _____

3) $6.98 \times 10^{-1} =$ _____

5) $5.0687 \times 10^{-4} =$ _____

7) $2.1 \times 10^{-5} =$ _____

9) $6.89 \times 10^{-3} =$ _____

11) $1.087 \times 10^{-4} =$ _____ 12) $8.908 \times 10^{-1} =$ _____

13) $5.798 \times 10^{-2} =$ _____ 14) $9.4 \times 10^{-2} =$ _____

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