

Name : _____

Scientific Notation - Standard

Positive: ES2

Example:

Write 7.1×10^3 in standard notation.

Here the exponent is 3. We should move the decimal point 3 places to the right.

$$\begin{array}{c} \text{7} \cdot \text{1} \text{ 0 0} \\ \text{7.1} \times 10^3 = \text{7,100} \end{array}$$

Express each number in standard notation.

1) $3.1056 \times 10^2 =$ _____ 2) $2.41 \times 10^2 =$ _____

3) $2.193 \times 10^4 =$ _____

5) $1.581 \times 10^3 =$ _____

7) $9.256 \times 10^1 =$ _____

9) $1.15 \times 10^5 =$ _____

11) $7.257 \times 10^3 =$ _____ 12) $5.7605 \times 10^5 =$ _____

13) $6.29 \times 10^2 =$ _____ 14) $1.221 \times 10^4 =$ _____

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