

Name : _____

Scientific Notation - Standard

Positive: ES1

Example:

Write 8.821×10^2 in standard notation.

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

$$\begin{array}{c} 8.821 \\ \text{8} \quad \text{8} \quad \text{2} \quad \text{1} \\ \text{8.821} \times 10^2 = \mathbf{882.1} \end{array}$$

Express each number in standard notation.

1) $7.452 \times 10^1 =$ _____ 2) $1.9874 \times 10^4 =$ _____

3) $5.9004 \times 10^4 =$ _____

5) $8.15 \times 10^2 =$ _____

7) $6.142 \times 10^3 =$ _____

9) $3.1478 \times 10^4 =$ _____

11) $7.586 \times 10^1 =$ _____ 12) $1.1286 \times 10^4 =$ _____

13) $4.712 \times 10^3 =$ _____ 14) $9.14 \times 10^2 =$ _____

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