

Name : _____

Scientific Notation - Standard

Positive: ES4

Example:

Write 2.956×10^2 in standard notation.

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

$$\begin{array}{c} \text{2} \cdot \text{9} \text{5} \text{6} \\ \text{2.956} \times 10^2 = \mathbf{295.6} \end{array}$$

Express each number in standard notation.

1) $8.6571 \times 10^1 =$ _____ 2) $2.45 \times 10^2 =$ _____

3) $1.63 \times 10^4 =$ _____

5) $4.2178 \times 10^5 =$ _____

7) $7.3654 \times 10^2 =$ _____

9) $9.57 \times 10^4 =$ _____

11) $5.36 \times 10^3 =$ _____ 12) $8.201 \times 10^2 =$ _____

13) $3.58 \times 10^1 =$ _____ 14) $7.493 \times 10^5 =$ _____

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