

Name : _____

Scientific Notation - Standard

Positive: MS4

Example:

Write 8.24678×10^5 in standard notation.

Here the exponent is 5. We should move the decimal point 5 places to the right.

$$\begin{array}{ccccccc} 8 & . & 2 & 4 & 6 & 7 & 8 \\ \downarrow & & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow \\ 8 & 2 & 4 & 6 & 7 & 8 & \end{array}$$
$$8.24678 \times 10^5 = \mathbf{824,678}$$

Express each number in standard notation.

1) 1.8×10^6 = _____

2) 4.753×10^{10} _____

3) 6.2368×10^{14} _____

4) 8.71×10^7 _____

5) 3.9×10^{13} _____

6) 9.6474×10^9 _____

7) 2.123×10^{11} _____

8) 4.87×10^8 _____

9) 7.006×10^{12} = _____

10) 5.32×10^5 = _____

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