

Name : _____

Scientific Notation - Standard

Positive: MS3

Example:

Write 6.10074×10^5 in standard notation.

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

$$\begin{array}{ccccccc} 6 & . & 1 & 0 & 0 & 7 & 4 \\ & & \swarrow & \swarrow & \swarrow & \swarrow & \swarrow \\ & & 6 & 1 & 0 & 0 & 7 & 4 \end{array}$$
$$6.10074 \times 10^5 = \mathbf{610,074}$$

Express each number in standard notation.

1) 4.558×10^9 = _____

2) 8.48×10^6 = _____

3) 5.5×10^{12} = _____

4) 1.856×10^{14} = _____

5) 7.25×10^8 = _____

6) 6.4586×10^7 = _____

7) 1.589×10^{13} = _____

8) 9.1×10^{10} = _____

9) 4.0624×10^5 = _____

10) 8.65×10^{11} = _____

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