

Name : _____

Scientific Notation - Standard

Positive: MS1

Example:

Write 5.21236×10^5 in standard notation.

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

$$\begin{array}{ccccccc} 5 & . & 2 & 1 & 2 & 3 & 6 \\ & & \swarrow & \swarrow & \swarrow & \swarrow & \swarrow \\ & & 2 & 1 & 2 & 3 & 6 \end{array}$$

$5.21236 \times 10^5 = 521,236$

Express each number in standard notation.

1) 3.6212×10^8 = _____

2) 1.345×10^5 _____

3) 4.62×10^{10} _____

4) 7.2×10^7 _____

5) 2.853×10^{12} _____

6) 8.5925×10^9 _____

7) 1.24×10^5 _____

8) 5.019×10^8 _____

9) 6.025×10^{11} = _____

10) 2.4×10^6 = _____

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