

Scientific Notation - Standard

Positive: MS2

Example:

Write 2.97853×10^5 in standard notation.

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

$$\begin{array}{ccccccc}
 2 & . & 9 & 7 & 8 & 5 & 3 \\
 \uparrow & & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\
 & & \text{---} & \text{---} & \text{---} & \text{---} & \text{---} \\
 & & & & & & \downarrow
 \end{array}$$

$$2.97853 \times 10^5 = \mathbf{297,853}$$

Express each number in standard notation

1) 5.2564×10^9 _____

2) 9.42×10^7 _____

3) 3.6653×10^{13} _____

4) 7.987×10^{15} _____

5) 6.2×10^9 _____

6) 2.5856×10^8 _____

7) 4.002×10^{12} _____

8) 1.25×10^{11} = _____

9) 9.5269×10^6 = _____

10) 3.415×10^{12} = _____

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Answer key**Scientific Notation - Standard**

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