

Scientific Notation - Standard

Negative: MS2

Example:

Write 7.258×10^{-5} in standard notation.

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

0 0 0 0 0 7 . 2 5 8

$$7.258 \times 10^{-5} = \mathbf{0.00007258}$$

Express each number in standard notation

1) 2.45×10^{-12} _____

2) 6.0012×10^{-9} _____

3) 1.256×10^{-13} _____

4) 5.9×10^{-6} _____

5) 4.013×10^{-15} _____

6) 8.3692×10^{-9} _____

7) 5.11×10^{-13} _____

8) 6.859×10^{-5} = _____

9) 1.7425×10^{-12} = _____

10) 9.52×10^{-6} = _____

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Answer key**Scientific Notation - Standard**

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5) 4.013×10^{-15} _____

6) 8.3692×10^{-9} _____

7) 5.11×10^{-13} _____

8) 6.859×10^{-5} = _____ **0.00006859**

9) 1.7425×10^{-12} = _____ **0.0000000000017425**

10) 9.52×10^{-6} = _____ **0.00000952**

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