
Scientific Notation (E)

Write each number in either standard form or scientific notation.

$2.41311 \times 10^{-4} = \underline{\hspace{2cm}}$ $2.31176 \times 10^0 = \underline{\hspace{2cm}}$

$6 \times 10^{-2} = \underline{\hspace{2cm}}$ $1.805 \times 10^4 = \underline{\hspace{2cm}}$

$1 \times 10^5 = \underline{\hspace{2cm}}$ $1 \times 10^2 = \underline{\hspace{2cm}}$

$7.84 \times 10^2 = \underline{\hspace{2cm}}$ $7.434 \times 10^{-8} = \underline{\hspace{2cm}}$

$6 \times 10^{-5} = \underline{\hspace{2cm}}$ $2 \times 10^{-6} = \underline{\hspace{2cm}}$

$7.08395 \times 10^{-2} = \underline{\hspace{2cm}}$ $6.66 \times 10^2 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} = 18,280$ $\underline{\hspace{2cm}} = 0.017$

$\underline{\hspace{2cm}} = 0.00002$ $\underline{\hspace{2cm}} = 0.9691$

$\underline{\hspace{2cm}} = 639,950,000$ $\underline{\hspace{2cm}} = 0.0000023675$

$\underline{\hspace{2cm}} = 0.000042$ $\underline{\hspace{2cm}} = 334$

$\underline{\hspace{2cm}} = 0.93685$ $\underline{\hspace{2cm}} = 80,000,000$

$\underline{\hspace{2cm}} = 0.00005$ $\underline{\hspace{2cm}} = 0.0000436$

Scientific Notation (E) Answers

Write each number in either standard form or scientific notation.

$$2.41311 \times 10^{-4} = \underline{0.000241311} \quad 2.31176 \times 10^0 = \underline{2.31176}$$

$$6 \times 10^{-2} = \underline{0.06} \quad 1.805 \times 10^4 = \underline{18,050}$$

$$1 \times 10^5 = \underline{100,000} \quad 1 \times 10^2 = \underline{100}$$

$$7.84 \times 10^2 = \underline{784} \quad 7.434 \times 10^{-8} = \underline{0.00000007434}$$

$$6 \times 10^{-5} = \underline{0.00006} \quad 2 \times 10^{-6} = \underline{0.000002}$$

$$7.08395 \times 10^{-2} = \underline{0.0708395} \quad 6.66 \times 10^2 = \underline{666}$$

$$\underline{1.828 \times 10^4} = 18,280 \quad \underline{1.7 \times 10^{-2}} = 0.017$$

$$\underline{2 \times 10^{-5}} = 0.00002 \quad \underline{9.691 \times 10^{-1}} = 0.9691$$

$$\underline{6.3995 \times 10^8} = 639,950,000 \quad \underline{2.3675 \times 10^{-6}} = 0.0000023675$$

$$\underline{4.2 \times 10^{-5}} = 0.000042 \quad \underline{3.34 \times 10^2} = 334$$

$$\underline{9.3685 \times 10^{-1}} = 0.93685 \quad \underline{8 \times 10^7} = 80,000,000$$

$$\underline{5 \times 10^{-5}} = 0.00005 \quad \underline{4.36 \times 10^{-5}} = 0.0000436$$