
Scientific Notation (C)

Write each number in either standard form or scientific notation.

$9.0307 \times 10^0 = \underline{\hspace{2cm}}$

$3 \times 10^5 = \underline{\hspace{2cm}}$

$2.24749 \times 10^4 = \underline{\hspace{2cm}}$

$1.543 \times 10^9 = \underline{\hspace{2cm}}$

$3.2 \times 10^5 = \underline{\hspace{2cm}}$

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

$8.27 \times 10^{-7} = \underline{\hspace{2cm}}$

$8.811 \times 10^0 = \underline{\hspace{2cm}}$

$5.81723 \times 10^4 = \underline{\hspace{2cm}}$

$1.40869 \times 10^3 = \underline{\hspace{2cm}}$

$6.367 \times 10^3 = \underline{\hspace{2cm}}$

$8.72 \times 10^{-1} = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} = 0.00000954$

$\underline{\hspace{2cm}} = 40$

$\underline{\hspace{2cm}} = 0.000000047795$

$\underline{\hspace{2cm}} = 43$

$\underline{\hspace{2cm}} = 0.0322$

$\underline{\hspace{2cm}} = 0.00000008975$

$\underline{\hspace{2cm}} = 0.0855$

$\underline{\hspace{2cm}} = 0.000000060251$

$\underline{\hspace{2cm}} = 900,900,000$

$\underline{\hspace{2cm}} = 1,000,000$

$\underline{\hspace{2cm}} = 0.00389$

$\underline{\hspace{2cm}} = 0.0000000468811$

Scientific Notation (C) Answers

Write each number in either standard form or scientific notation.

$$9.0307 \times 10^0 = \underline{9.0307}$$

$$3 \times 10^5 = \underline{300,000}$$

$$2.24749 \times 10^4 = \underline{22,474.9}$$

$$1.543 \times 10^9 = \underline{1,543,000,000}$$

$$3.2 \times 10^5 = \underline{320,000}$$

$$2 \times 10^{-1} = \underline{0.2}$$

$$8.27 \times 10^{-7} = \underline{0.000000827}$$

$$8.811 \times 10^0 = \underline{8.811}$$

$$5.81723 \times 10^4 = \underline{58,172.3}$$

$$1.40869 \times 10^3 = \underline{1,408.69}$$

$$6.367 \times 10^3 = \underline{6,367}$$

$$8.72 \times 10^{-1} = \underline{0.872}$$

$$\underline{9.54 \times 10^{-6}} = 0.00000954$$

$$\underline{4 \times 10^1} = 40$$

$$\underline{4.7795 \times 10^{-8}} = 0.000000047795$$

$$\underline{4.3 \times 10^1} = 43$$

$$\underline{3.22 \times 10^{-2}} = 0.0322$$

$$\underline{8.975 \times 10^{-8}} = 0.00000008975$$

$$\underline{8.55 \times 10^{-2}} = 0.0855$$

$$\underline{6.0251 \times 10^{-8}} = 0.000000060251$$

$$\underline{9.009 \times 10^8} = 900,900,000$$

$$\underline{1 \times 10^6} = 1,000,000$$

$$\underline{3.89 \times 10^{-3}} = 0.00389$$

$$\underline{4.68811 \times 10^{-8}} = 0.0000000468811$$