
Scientific Notation (D)

Write each number in either standard form or scientific notation.

$4.8 \times 10^5 = \underline{\hspace{2cm}}$ $5.21435 \times 10^3 = \underline{\hspace{2cm}}$

$1 \times 10^{-8} = \underline{\hspace{2cm}}$ $9.78 \times 10^{-4} = \underline{\hspace{2cm}}$

$3.9 \times 10^2 = \underline{\hspace{2cm}}$ $2.5 \times 10^{-5} = \underline{\hspace{2cm}}$

$9.405 \times 10^4 = \underline{\hspace{2cm}}$ $8.05294 \times 10^{-7} = \underline{\hspace{2cm}}$

$6.9685 \times 10^4 = \underline{\hspace{2cm}}$ $3 \times 10^{-6} = \underline{\hspace{2cm}}$

$9.3 \times 10^{-1} = \underline{\hspace{2cm}}$ $7.089 \times 10^7 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} = 1,000,000,000$ $\underline{\hspace{2cm}} = 0.0000000976$

$\underline{\hspace{2cm}} = 0.0194$ $\underline{\hspace{2cm}} = 30,000,000$

$\underline{\hspace{2cm}} = 3,680,000$ $\underline{\hspace{2cm}} = 2,400,000$

$\underline{\hspace{2cm}} = 0.00000000240789$ $\underline{\hspace{2cm}} = 9,298,500$

$\underline{\hspace{2cm}} = 7,000,000,000$ $\underline{\hspace{2cm}} = 200,000$

$\underline{\hspace{2cm}} = 848.3$ $\underline{\hspace{2cm}} = 0.000045678$

Scientific Notation (D) Answers

Write each number in either standard form or scientific notation.

$$4.8 \times 10^5 = \underline{480,000} \quad 5.21435 \times 10^3 = \underline{5,214.35}$$

$$1 \times 10^{-8} = \underline{0.00000001} \quad 9.78 \times 10^{-4} = \underline{0.000978}$$

$$3.9 \times 10^2 = \underline{390} \quad 2.5 \times 10^{-5} = \underline{0.000025}$$

$$9.405 \times 10^4 = \underline{94,050} \quad 8.05294 \times 10^{-7} = \underline{0.000000805294}$$

$$6.9685 \times 10^4 = \underline{69,685} \quad 3 \times 10^{-6} = \underline{0.000003}$$

$$9.3 \times 10^{-1} = \underline{0.93} \quad 7.089 \times 10^7 = \underline{70,890,000}$$

$$\underline{1 \times 10^9} = 1,000,000,000 \quad \underline{9.76 \times 10^{-8}} = 0.0000000976$$

$$\underline{1.94 \times 10^{-2}} = 0.0194 \quad \underline{3 \times 10^7} = 30,000,000$$

$$\underline{3.68 \times 10^6} = 3,680,000 \quad \underline{2.4 \times 10^6} = 2,400,000$$

$$\underline{2.40789 \times 10^{-9}} = 0.00000000240789 \quad \underline{9.2985 \times 10^6} = 9,298,500$$

$$\underline{7 \times 10^9} = 7,000,000,000 \quad \underline{2 \times 10^5} = 200,000$$

$$\underline{8.483 \times 10^2} = 848.3 \quad \underline{4.5678 \times 10^{-5}} = 0.000045678$$