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## Scientific Notation (F)

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Write each number in either standard form or scientific notation.

$8.7785 \times 10^{-8} = \underline{\hspace{2cm}}$

$6.161 \times 10^{-3} = \underline{\hspace{2cm}}$

$1.3622 \times 10^{-8} = \underline{\hspace{2cm}}$

$2.05 \times 10^2 = \underline{\hspace{2cm}}$

$9 \times 10^4 = \underline{\hspace{2cm}}$

$4.9 \times 10^3 = \underline{\hspace{2cm}}$

$1.93658 \times 10^{-2} = \underline{\hspace{2cm}}$

$9.00491 \times 10^{-4} = \underline{\hspace{2cm}}$

$2.39 \times 10^{-8} = \underline{\hspace{2cm}}$

$4.147 \times 10^{-7} = \underline{\hspace{2cm}}$

$6.289 \times 10^4 = \underline{\hspace{2cm}}$

$8.4 \times 10^{-5} = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} = 177,398,000$

$\underline{\hspace{2cm}} = 0.7774$

$\underline{\hspace{2cm}} = 7,129,000,000$

$\underline{\hspace{2cm}} = 0.000000002$

$\underline{\hspace{2cm}} = 55,118.1$

$\underline{\hspace{2cm}} = 0.000296517$

$\underline{\hspace{2cm}} = 0.000013051$

$\underline{\hspace{2cm}} = 60,000,000$

$\underline{\hspace{2cm}} = 3.15414$

$\underline{\hspace{2cm}} = 13.5211$

$\underline{\hspace{2cm}} = 752,000,000$

$\underline{\hspace{2cm}} = 716.96$

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## Scientific Notation (F) Answers

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Write each number in either standard form or scientific notation.

$$8.7785 \times 10^{-8} = \underline{0.000000087785}$$

$$6.161 \times 10^{-3} = \underline{0.006161}$$

$$1.3622 \times 10^{-8} = \underline{0.000000013622}$$

$$2.05 \times 10^2 = \underline{205}$$

$$9 \times 10^4 = \underline{90,000}$$

$$4.9 \times 10^3 = \underline{4,900}$$

$$1.93658 \times 10^{-2} = \underline{0.0193658}$$

$$9.00491 \times 10^{-4} = \underline{0.000900491}$$

$$2.39 \times 10^{-8} = \underline{0.0000000239}$$

$$4.147 \times 10^{-7} = \underline{0.0000004147}$$

$$6.289 \times 10^4 = \underline{62,890}$$

$$8.4 \times 10^{-5} = \underline{0.000084}$$

$$\underline{1.77398 \times 10^8} = 177,398,000$$

$$\underline{7.774 \times 10^{-1}} = 0.7774$$

$$\underline{7.129 \times 10^9} = 7,129,000,000$$

$$\underline{2 \times 10^{-9}} = 0.000000002$$

$$\underline{5.51181 \times 10^4} = 55,118.1$$

$$\underline{2.96517 \times 10^{-4}} = 0.000296517$$

$$\underline{1.3051 \times 10^{-5}} = 0.000013051$$

$$\underline{6 \times 10^7} = 60,000,000$$

$$\underline{3.15414 \times 10^0} = 3.15414$$

$$\underline{1.35211 \times 10^1} = 13.5211$$

$$\underline{7.52 \times 10^8} = 752,000,000$$

$$\underline{7.1696 \times 10^2} = 716.96$$