

Scientific Notation (A)

Convert each number from scientific notation to an ordinary number.

$2.181 \times 10^7 =$

$3.98 \times 10^{-7} =$

$1.373 \times 10^5 =$

$9.23 \times 10^5 =$

$3.84 \times 10^{-8} =$

$1.95 \times 10^7 =$

$9.174 \times 10^5 =$

$2.199 \times 10^8 =$

$5.9 \times 10^7 =$

$6.92 \times 10^{-6} =$

$7.39 \times 10^{-8} =$

$6.06 \times 10^6 =$

$3.04 \times 10^{-5} =$

$4.25 \times 10^6 =$

$5.418 \times 10^3 =$

$3 \times 10^7 =$

$3.855 \times 10^{-7} =$

$7.12 \times 10^8 =$

$4.689 \times 10^{-4} =$

$8.39 \times 10^3 =$

Scientific Notation (A) Answers

Convert each number from scientific notation to an ordinary number.

$$2.181 \times 10^7 = 21,810,000 \quad 3.98 \times 10^{-7} = 0.000000398$$

$$1.373 \times 10^5 = 137,300 \quad 9.23 \times 10^5 = 923,000$$

$$3.84 \times 10^{-8} = 0.0000000384 \quad 1.95 \times 10^7 = 19,500,000$$

$$9.174 \times 10^5 = 917,400 \quad 2.199 \times 10^8 = 219,900,000$$

$$5.9 \times 10^7 = 59,000,000 \quad 6.92 \times 10^{-6} = 0.00000692$$

$$7.39 \times 10^{-8} = 0.0000000739 \quad 6.06 \times 10^6 = 6,060,000$$

$$3.04 \times 10^{-5} = 0.0000304 \quad 4.25 \times 10^6 = 4,250,000$$

$$5.418 \times 10^3 = 5,418 \quad 3 \times 10^7 = 30,000,000$$

$$3.855 \times 10^{-7} = 0.0000003855 \quad 7.12 \times 10^8 = 712,000,000$$

$$4.689 \times 10^{-4} = 0.0004689 \quad 8.39 \times 10^3 = 8,390$$

Scientific Notation (B)

Convert each number from scientific notation to an ordinary number.

$5.14 \times 10^{-3} =$

$3.63 \times 10^4 =$

$8.8 \times 10^8 =$

$8 \times 10^{-7} =$

$1.963 \times 10^{-5} =$

$2.888 \times 10^6 =$

$6.89 \times 10^{-6} =$

$5.2 \times 10^6 =$

$6.72 \times 10^{-7} =$

$9.1 \times 10^8 =$

$1.212 \times 10^{-8} =$

$3.51 \times 10^8 =$

$5.37 \times 10^{-4} =$

$5.1 \times 10^{-8} =$

$8.806 \times 10^4 =$

$7.49 \times 10^{-4} =$

$3.4 \times 10^{-8} =$

$6.713 \times 10^3 =$

$8.36 \times 10^5 =$

$6.48 \times 10^6 =$

Scientific Notation (B) Answers

Convert each number from scientific notation to an ordinary number.

$$5.14 \times 10^{-3} = 0.00514 \qquad 3.63 \times 10^4 = 36,300$$

$$8.8 \times 10^8 = 880,000,000 \qquad 8 \times 10^{-7} = 0.0000008$$

$$1.963 \times 10^{-5} = 0.00001963 \qquad 2.888 \times 10^6 = 2,888,000$$

$$6.89 \times 10^{-6} = 0.00000689 \qquad 5.2 \times 10^6 = 5,200,000$$

$$6.72 \times 10^{-7} = 0.000000672 \qquad 9.1 \times 10^8 = 910,000,000$$

$$1.212 \times 10^{-8} = 0.00000001212 \qquad 3.51 \times 10^8 = 351,000,000$$

$$5.37 \times 10^{-4} = 0.000537 \qquad 5.1 \times 10^{-8} = 0.000000051$$

$$8.806 \times 10^4 = 88,060 \qquad 7.49 \times 10^{-4} = 0.000749$$

$$3.4 \times 10^{-8} = 0.000000034 \qquad 6.713 \times 10^3 = 6,713$$

$$8.36 \times 10^5 = 836,000 \qquad 6.48 \times 10^6 = 6,480,000$$

Scientific Notation (C)

Convert each number from scientific notation to an ordinary number.

$9.39 \times 10^{-3} =$

$1.466 \times 10^3 =$

$4.3 \times 10^6 =$

$2.3 \times 10^{-8} =$

$8.309 \times 10^8 =$

$3.604 \times 10^7 =$

$1.3 \times 10^3 =$

$1.6 \times 10^{-4} =$

$8.45 \times 10^{-3} =$

$1.124 \times 10^{-7} =$

$4.7 \times 10^5 =$

$7.9 \times 10^{-3} =$

$6.206 \times 10^{-8} =$

$1.94 \times 10^4 =$

$4.3 \times 10^{-7} =$

$4.5 \times 10^{-7} =$

$5.1 \times 10^3 =$

$8.016 \times 10^{-6} =$

$2.14 \times 10^4 =$

$9.926 \times 10^{-4} =$

Scientific Notation (C) Answers

Convert each number from scientific notation to an ordinary number.

$$9.39 \times 10^{-3} = 0.00939 \qquad 1.466 \times 10^3 = 1,466$$

$$4.3 \times 10^6 = 4,300,000 \qquad 2.3 \times 10^{-8} = 0.000000023$$

$$8.309 \times 10^8 = 830,900,000 \qquad 3.604 \times 10^7 = 36,040,000$$

$$1.3 \times 10^3 = 1,300 \qquad 1.6 \times 10^{-4} = 0.00016$$

$$8.45 \times 10^{-3} = 0.00845 \qquad 1.124 \times 10^{-7} = 0.0000001124$$

$$4.7 \times 10^5 = 470,000 \qquad 7.9 \times 10^{-3} = 0.0079$$

$$6.206 \times 10^{-8} = 0.00000006206 \qquad 1.94 \times 10^4 = 19,400$$

$$4.3 \times 10^{-7} = 0.00000043 \qquad 4.5 \times 10^{-7} = 0.00000045$$

$$5.1 \times 10^3 = 5,100 \qquad 8.016 \times 10^{-6} = 0.000008016$$

$$2.14 \times 10^4 = 21,400 \qquad 9.926 \times 10^{-4} = 0.0009926$$

Scientific Notation (D)

Convert each number from scientific notation to an ordinary number.

$8.3 \times 10^3 =$

$7.465 \times 10^{-8} =$

$4.6 \times 10^8 =$

$6.945 \times 10^{-4} =$

$1.2 \times 10^5 =$

$2.7 \times 10^5 =$

$6 \times 10^3 =$

$6.66 \times 10^8 =$

$7.123 \times 10^3 =$

$2.55 \times 10^{-7} =$

$6.9 \times 10^8 =$

$4.6 \times 10^5 =$

$6.7 \times 10^6 =$

$5.4 \times 10^{-8} =$

$6.93 \times 10^{-8} =$

$9.1 \times 10^7 =$

$2.9 \times 10^{-7} =$

$9.26 \times 10^3 =$

$5.6 \times 10^{-6} =$

$6.05 \times 10^7 =$

Scientific Notation (D) Answers

Convert each number from scientific notation to an ordinary number.

$$8.3 \times 10^3 = 8,300 \quad 7.465 \times 10^{-8} = 0.00000007465$$

$$4.6 \times 10^8 = 460,000,000 \quad 6.945 \times 10^{-4} = 0.0006945$$

$$1.2 \times 10^5 = 120,000 \quad 2.7 \times 10^5 = 270,000$$

$$6 \times 10^3 = 6,000 \quad 6.66 \times 10^8 = 666,000,000$$

$$7.123 \times 10^3 = 7,123 \quad 2.55 \times 10^{-7} = 0.000000255$$

$$6.9 \times 10^8 = 690,000,000 \quad 4.6 \times 10^5 = 460,000$$

$$6.7 \times 10^6 = 6,700,000 \quad 5.4 \times 10^{-8} = 0.000000054$$

$$6.93 \times 10^{-8} = 0.0000000693 \quad 9.1 \times 10^7 = 91,000,000$$

$$2.9 \times 10^{-7} = 0.00000029 \quad 9.26 \times 10^3 = 9,260$$

$$5.6 \times 10^{-6} = 0.0000056 \quad 6.05 \times 10^7 = 60,500,000$$

Scientific Notation (E)

Convert each number from scientific notation to an ordinary number.

$3.602 \times 10^{-3} =$

$3.983 \times 10^7 =$

$3.64 \times 10^{-4} =$

$5.1 \times 10^8 =$

$4.571 \times 10^4 =$

$8.2 \times 10^{-4} =$

$3.725 \times 10^6 =$

$5 \times 10^{-7} =$

$9.082 \times 10^{-6} =$

$7.979 \times 10^{-6} =$

$3.02 \times 10^5 =$

$3.77 \times 10^{-3} =$

$1.71 \times 10^4 =$

$1.99 \times 10^4 =$

$3.11 \times 10^3 =$

$8.3 \times 10^7 =$

$3.57 \times 10^{-3} =$

$3.575 \times 10^{-4} =$

$2.13 \times 10^{-7} =$

$9.163 \times 10^8 =$

Scientific Notation (E) Answers

Convert each number from scientific notation to an ordinary number.

$$3.602 \times 10^{-3} = 0.003602 \quad 3.983 \times 10^7 = 39,830,000$$

$$3.64 \times 10^{-4} = 0.000364 \quad 5.1 \times 10^8 = 510,000,000$$

$$4.571 \times 10^4 = 45,710 \quad 8.2 \times 10^{-4} = 0.00082$$

$$3.725 \times 10^6 = 3,725,000 \quad 5 \times 10^{-7} = 0.0000005$$

$$9.082 \times 10^{-6} = 0.000009082 \quad 7.979 \times 10^{-6} = 0.000007979$$

$$3.02 \times 10^5 = 302,000 \quad 3.77 \times 10^{-3} = 0.00377$$

$$1.71 \times 10^4 = 17,100 \quad 1.99 \times 10^4 = 19,900$$

$$3.11 \times 10^3 = 3,110 \quad 8.3 \times 10^7 = 83,000,000$$

$$3.57 \times 10^{-3} = 0.00357 \quad 3.575 \times 10^{-4} = 0.0003575$$

$$2.13 \times 10^{-7} = 0.000000213 \quad 9.163 \times 10^8 = 916,300,000$$

Scientific Notation (F)

Convert each number from scientific notation to an ordinary number.

$1.3 \times 10^{-7} =$

$5.38 \times 10^4 =$

$4.94 \times 10^{-8} =$

$8.18 \times 10^5 =$

$2.6 \times 10^6 =$

$7.613 \times 10^4 =$

$6.18 \times 10^{-3} =$

$1.9 \times 10^6 =$

$9.67 \times 10^{-6} =$

$1.13 \times 10^7 =$

$9.48 \times 10^7 =$

$9.5 \times 10^5 =$

$2.9 \times 10^4 =$

$4.5 \times 10^{-5} =$

$1.52 \times 10^5 =$

$2.2 \times 10^{-7} =$

$4.88 \times 10^{-6} =$

$2.5 \times 10^{-5} =$

$7.1 \times 10^{-6} =$

$3.103 \times 10^5 =$

Scientific Notation (F) Answers

Convert each number from scientific notation to an ordinary number.

$$1.3 \times 10^{-7} = 0.00000013 \quad 5.38 \times 10^4 = 53,800$$

$$4.94 \times 10^{-8} = 0.0000000494 \quad 8.18 \times 10^5 = 818,000$$

$$2.6 \times 10^6 = 2,600,000 \quad 7.613 \times 10^4 = 76,130$$

$$6.18 \times 10^{-3} = 0.00618 \quad 1.9 \times 10^6 = 1,900,000$$

$$9.67 \times 10^{-6} = 0.00000967 \quad 1.13 \times 10^7 = 11,300,000$$

$$9.48 \times 10^7 = 94,800,000 \quad 9.5 \times 10^5 = 950,000$$

$$2.9 \times 10^4 = 29,000 \quad 4.5 \times 10^{-5} = 0.000045$$

$$1.52 \times 10^5 = 152,000 \quad 2.2 \times 10^{-7} = 0.00000022$$

$$4.88 \times 10^{-6} = 0.00000488 \quad 2.5 \times 10^{-5} = 0.000025$$

$$7.1 \times 10^{-6} = 0.0000071 \quad 3.103 \times 10^5 = 310,300$$

Scientific Notation (G)

Convert each number from scientific notation to an ordinary number.

$9.333 \times 10^5 =$

$9.6 \times 10^{-4} =$

$9.679 \times 10^{-5} =$

$7.2 \times 10^{-7} =$

$9.4 \times 10^7 =$

$8.66 \times 10^7 =$

$5.6 \times 10^{-5} =$

$1.06 \times 10^{-6} =$

$7.85 \times 10^{-7} =$

$5.644 \times 10^5 =$

$6.319 \times 10^6 =$

$8.3 \times 10^{-8} =$

$8.91 \times 10^7 =$

$4.078 \times 10^7 =$

$2.614 \times 10^6 =$

$1.3 \times 10^{-4} =$

$1.6 \times 10^7 =$

$5.996 \times 10^{-7} =$

$2.276 \times 10^3 =$

$9.93 \times 10^{-7} =$

Scientific Notation (G) Answers

Convert each number from scientific notation to an ordinary number.

$$9.333 \times 10^5 = 933,300 \quad 9.6 \times 10^{-4} = 0.00096$$

$$9.679 \times 10^{-5} = 0.00009679 \quad 7.2 \times 10^{-7} = 0.00000072$$

$$9.4 \times 10^7 = 94,000,000 \quad 8.66 \times 10^7 = 86,600,000$$

$$5.6 \times 10^{-5} = 0.000056 \quad 1.06 \times 10^{-6} = 0.00000106$$

$$7.85 \times 10^{-7} = 0.000000785 \quad 5.644 \times 10^5 = 564,400$$

$$6.319 \times 10^6 = 6,319,000 \quad 8.3 \times 10^{-8} = 0.000000083$$

$$8.91 \times 10^7 = 89,100,000 \quad 4.078 \times 10^7 = 40,780,000$$

$$2.614 \times 10^6 = 2,614,000 \quad 1.3 \times 10^{-4} = 0.00013$$

$$1.6 \times 10^7 = 16,000,000 \quad 5.996 \times 10^{-7} = 0.0000005996$$

$$2.276 \times 10^3 = 2,276 \quad 9.93 \times 10^{-7} = 0.000000993$$

Scientific Notation (H)

Convert each number from scientific notation to an ordinary number.

$$6.061 \times 10^{-5} = \qquad 4 \times 10^{-6} =$$

$$3.9 \times 10^6 = \qquad 5.6 \times 10^{-6} =$$

$$2.07 \times 10^{-4} = \qquad 9.84 \times 10^{-7} =$$

$$7.5 \times 10^{-6} = \qquad 1.85 \times 10^8 =$$

$$2.78 \times 10^{-6} = \qquad 9.65 \times 10^5 =$$

$$5.859 \times 10^7 = \qquad 1 \times 10^3 =$$

$$1.565 \times 10^{-5} = \qquad 1.966 \times 10^{-7} =$$

$$4.24 \times 10^{-5} = \qquad 4.68 \times 10^{-5} =$$

$$9.14 \times 10^{-4} = \qquad 7.38 \times 10^4 =$$

$$3.42 \times 10^3 = \qquad 5.5 \times 10^5 =$$

Scientific Notation (H) Answers

Convert each number from scientific notation to an ordinary number.

$$6.061 \times 10^{-5} = 0.00006061 \quad 4 \times 10^{-6} = 0.000004$$

$$3.9 \times 10^6 = 3,900,000 \quad 5.6 \times 10^{-6} = 0.0000056$$

$$2.07 \times 10^{-4} = 0.000207 \quad 9.84 \times 10^{-7} = 0.000000984$$

$$7.5 \times 10^{-6} = 0.0000075 \quad 1.85 \times 10^8 = 185,000,000$$

$$2.78 \times 10^{-6} = 0.00000278 \quad 9.65 \times 10^5 = 965,000$$

$$5.859 \times 10^7 = 58,590,000 \quad 1 \times 10^3 = 1,000$$

$$1.565 \times 10^{-5} = 0.00001565 \quad 1.966 \times 10^{-7} = 0.0000001966$$

$$4.24 \times 10^{-5} = 0.0000424 \quad 4.68 \times 10^{-5} = 0.0000468$$

$$9.14 \times 10^{-4} = 0.000914 \quad 7.38 \times 10^4 = 73,800$$

$$3.42 \times 10^3 = 3,420 \quad 5.5 \times 10^5 = 550,000$$

Scientific Notation (I)

Convert each number from scientific notation to an ordinary number.

$9.7 \times 10^{-3} =$

$6.801 \times 10^{-7} =$

$9.69 \times 10^7 =$

$6.6 \times 10^8 =$

$7.3 \times 10^8 =$

$5.534 \times 10^{-4} =$

$9 \times 10^4 =$

$4.645 \times 10^4 =$

$8.49 \times 10^8 =$

$7.438 \times 10^{-4} =$

$4.351 \times 10^{-4} =$

$8.657 \times 10^7 =$

$5.76 \times 10^5 =$

$7.03 \times 10^5 =$

$7.32 \times 10^{-4} =$

$5.5 \times 10^7 =$

$5.6 \times 10^8 =$

$8.62 \times 10^7 =$

$3.816 \times 10^3 =$

$6.215 \times 10^3 =$

Scientific Notation (I) Answers

Convert each number from scientific notation to an ordinary number.

$$9.7 \times 10^{-3} = 0.0097 \qquad 6.801 \times 10^{-7} = 0.0000006801$$

$$9.69 \times 10^7 = 96,900,000 \qquad 6.6 \times 10^8 = 660,000,000$$

$$7.3 \times 10^8 = 730,000,000 \qquad 5.534 \times 10^{-4} = 0.0005534$$

$$9 \times 10^4 = 90,000 \qquad 4.645 \times 10^4 = 46,450$$

$$8.49 \times 10^8 = 849,000,000 \qquad 7.438 \times 10^{-4} = 0.0007438$$

$$4.351 \times 10^{-4} = 0.0004351 \qquad 8.657 \times 10^7 = 86,570,000$$

$$5.76 \times 10^5 = 576,000 \qquad 7.03 \times 10^5 = 703,000$$

$$7.32 \times 10^{-4} = 0.000732 \qquad 5.5 \times 10^7 = 55,000,000$$

$$5.6 \times 10^8 = 560,000,000 \qquad 8.62 \times 10^7 = 86,200,000$$

$$3.816 \times 10^3 = 3,816 \qquad 6.215 \times 10^3 = 6,215$$

Scientific Notation (J)

Convert each number from scientific notation to an ordinary number.

$2.9 \times 10^{-8} =$

$9.45 \times 10^{-3} =$

$8.8 \times 10^5 =$

$1.247 \times 10^3 =$

$8.419 \times 10^{-3} =$

$9.773 \times 10^7 =$

$4.8 \times 10^6 =$

$7.52 \times 10^{-5} =$

$5.4 \times 10^5 =$

$5.025 \times 10^{-8} =$

$5.581 \times 10^{-3} =$

$6.1 \times 10^4 =$

$4.9 \times 10^{-8} =$

$4.9 \times 10^{-3} =$

$3.4 \times 10^4 =$

$6.44 \times 10^{-5} =$

$1.333 \times 10^6 =$

$7.6 \times 10^4 =$

$6.43 \times 10^7 =$

$2.391 \times 10^{-8} =$

Scientific Notation (J) Answers

Convert each number from scientific notation to an ordinary number.

$$2.9 \times 10^{-8} = 0.000000029 \quad 9.45 \times 10^{-3} = 0.00945$$

$$8.8 \times 10^5 = 880,000 \quad 1.247 \times 10^3 = 1,247$$

$$8.419 \times 10^{-3} = 0.008419 \quad 9.773 \times 10^7 = 97,730,000$$

$$4.8 \times 10^6 = 4,800,000 \quad 7.52 \times 10^{-5} = 0.0000752$$

$$5.4 \times 10^5 = 540,000 \quad 5.025 \times 10^{-8} = 0.00000005025$$

$$5.581 \times 10^{-3} = 0.005581 \quad 6.1 \times 10^4 = 61,000$$

$$4.9 \times 10^{-8} = 0.000000049 \quad 4.9 \times 10^{-3} = 0.0049$$

$$3.4 \times 10^4 = 34,000 \quad 6.44 \times 10^{-5} = 0.0000644$$

$$1.333 \times 10^6 = 1,333,000 \quad 7.6 \times 10^4 = 76,000$$

$$6.43 \times 10^7 = 64,300,000 \quad 2.391 \times 10^{-8} = 0.00000002391$$