

Scientific Notation (A)

Convert between scientific notation and ordinary numbers.

$$3.2 \times 10^{-5} = \qquad \qquad \qquad 0.00343 =$$

$$0.00005478 = \qquad \qquad \qquad 0.000069 =$$

$$0.0091 = \qquad \qquad \qquad 0.000000361 =$$

$$0.00241 = \qquad \qquad \qquad 4.42 \times 10^{-6} =$$

$$0.000000736 = \qquad \qquad \qquad 0.000000026 =$$

$$0.0000061 = \qquad \qquad \qquad 0.0052 =$$

$$8.17 \times 10^{-6} = \qquad \qquad \qquad 6.382 \times 10^{-5} =$$

$$0.00093 = \qquad \qquad \qquad 0.000622 =$$

$$8.317 \times 10^{-3} = \qquad \qquad \qquad 9.2 \times 10^{-7} =$$

$$6.218 \times 10^{-5} = \qquad \qquad \qquad 9.409 \times 10^{-7} =$$

Scientific Notation (A) Answers

Convert between scientific notation and ordinary numbers.

$$3.2 \times 10^{-5} = 0.000032 \qquad 0.00343 = 3.43 \times 10^{-3}$$

$$0.00005478 = 5.478 \times 10^{-5} \qquad 0.000069 = 6.9 \times 10^{-5}$$

$$0.0091 = 9.1 \times 10^{-3} \qquad 0.000000361 = 3.61 \times 10^{-7}$$

$$0.00241 = 2.41 \times 10^{-3} \qquad 4.42 \times 10^{-6} = 0.00000442$$

$$0.000000736 = 7.36 \times 10^{-7} \qquad 0.000000026 = 2.6 \times 10^{-8}$$

$$0.0000061 = 6.1 \times 10^{-6} \qquad 0.0052 = 5.2 \times 10^{-3}$$

$$8.17 \times 10^{-6} = 0.00000817 \qquad 6.382 \times 10^{-5} = 0.00006382$$

$$0.00093 = 9.3 \times 10^{-4} \qquad 0.000622 = 6.22 \times 10^{-4}$$

$$8.317 \times 10^{-3} = 0.008317 \qquad 9.2 \times 10^{-7} = 0.00000092$$

$$6.218 \times 10^{-5} = 0.00006218 \qquad 9.409 \times 10^{-7} = 0.0000009409$$

Scientific Notation (B)

Convert between scientific notation and ordinary numbers.

$0.000000034 =$

$0.00000063 =$

$3.55 \times 10^{-7} =$

$0.00021 =$

$2.65 \times 10^{-4} =$

$0.0000000624 =$

$2.6 \times 10^{-6} =$

$8.201 \times 10^{-7} =$

$3 \times 10^{-6} =$

$0.0000003672 =$

$0.000000036 =$

$0.00000025 =$

$7.332 \times 10^{-4} =$

$2.719 \times 10^{-3} =$

$0.000000085 =$

$0.0000000102 =$

$0.00000003407 =$

$0.00000276 =$

$0.0000000899 =$

$0.000008 =$

Scientific Notation (B) Answers

Convert between scientific notation and ordinary numbers.

$$0.000000034 = 3.4 \times 10^{-8} \quad 0.00000063 = 6.3 \times 10^{-7}$$

$$3.55 \times 10^{-7} = 0.000000355 \quad 0.00021 = 2.1 \times 10^{-4}$$

$$2.65 \times 10^{-4} = 0.000265 \quad 0.0000000624 = 6.24 \times 10^{-8}$$

$$2.6 \times 10^{-6} = 0.0000026 \quad 8.201 \times 10^{-7} = 0.0000008201$$

$$3 \times 10^{-6} = 0.000003 \quad 0.0000003672 = 3.672 \times 10^{-7}$$

$$0.000000036 = 3.6 \times 10^{-8} \quad 0.00000025 = 2.5 \times 10^{-7}$$

$$7.332 \times 10^{-4} = 0.0007332 \quad 2.719 \times 10^{-3} = 0.002719$$

$$0.000000085 = 8.5 \times 10^{-8} \quad 0.0000000102 = 1.02 \times 10^{-8}$$

$$0.00000003407 = 3.407 \times 10^{-8} \quad 0.00000276 = 2.76 \times 10^{-6}$$

$$0.0000000899 = 8.99 \times 10^{-8} \quad 0.000008 = 8 \times 10^{-6}$$

Scientific Notation (C)

Convert between scientific notation and ordinary numbers.

$0.0000019 =$

$0.000001204 =$

$3.269 \times 10^{-8} =$

$0.00000277 =$

$0.000003454 =$

$0.000195 =$

$0.000058 =$

$0.0000000277 =$

$0.0000036 =$

$5.661 \times 10^{-4} =$

$0.000031 =$

$3.7 \times 10^{-3} =$

$5 \times 10^{-8} =$

$6.9 \times 10^{-8} =$

$0.0000089 =$

$4.4 \times 10^{-7} =$

$0.0000001029 =$

$7.8 \times 10^{-3} =$

$5.23 \times 10^{-6} =$

$0.000000074 =$

Scientific Notation (C) Answers

Convert between scientific notation and ordinary numbers.

$$0.0000019 = 1.9 \times 10^{-6} \quad 0.000001204 = 1.204 \times 10^{-6}$$

$$3.269 \times 10^{-8} = 0.00000003269 \quad 0.00000277 = 2.77 \times 10^{-6}$$

$$0.000003454 = 3.454 \times 10^{-6} \quad 0.000195 = 1.95 \times 10^{-4}$$

$$0.000058 = 5.8 \times 10^{-5} \quad 0.0000000277 = 2.77 \times 10^{-8}$$

$$0.0000036 = 3.6 \times 10^{-6} \quad 5.661 \times 10^{-4} = 0.0005661$$

$$0.000031 = 3.1 \times 10^{-5} \quad 3.7 \times 10^{-3} = 0.0037$$

$$5 \times 10^{-8} = 0.00000005 \quad 6.9 \times 10^{-8} = 0.000000069$$

$$0.0000089 = 8.9 \times 10^{-6} \quad 4.4 \times 10^{-7} = 0.00000044$$

$$0.0000001029 = 1.029 \times 10^{-7} \quad 7.8 \times 10^{-3} = 0.0078$$

$$5.23 \times 10^{-6} = 0.00000523 \quad 0.000000074 = 7.4 \times 10^{-8}$$

Scientific Notation (D)

Convert between scientific notation and ordinary numbers.

$$8.95 \times 10^{-3} = \qquad 4.7 \times 10^{-8} =$$

$$0.002987 = \qquad 0.000002119 =$$

$$8.41 \times 10^{-3} = \qquad 0.000000394 =$$

$$2.677 \times 10^{-8} = \qquad 1.691 \times 10^{-3} =$$

$$0.000623 = \qquad 0.000000445 =$$

$$9.292 \times 10^{-6} = \qquad 0.00088 =$$

$$0.0000109 = \qquad 0.00638 =$$

$$4.2 \times 10^{-3} = \qquad 7.51 \times 10^{-6} =$$

$$8.03 \times 10^{-7} = \qquad 0.000643 =$$

$$0.00000451 = \qquad 9.9 \times 10^{-8} =$$

Scientific Notation (D) Answers

Convert between scientific notation and ordinary numbers.

$$8.95 \times 10^{-3} = 0.00895 \quad 4.7 \times 10^{-8} = 0.000000047$$

$$0.002987 = 2.987 \times 10^{-3} \quad 0.000002119 = 2.119 \times 10^{-6}$$

$$8.41 \times 10^{-3} = 0.00841 \quad 0.000000394 = 3.94 \times 10^{-7}$$

$$2.677 \times 10^{-8} = 0.00000002677 \quad 1.691 \times 10^{-3} = 0.001691$$

$$0.000623 = 6.23 \times 10^{-4} \quad 0.000000445 = 4.45 \times 10^{-7}$$

$$9.292 \times 10^{-6} = 0.000009292 \quad 0.00088 = 8.8 \times 10^{-4}$$

$$0.0000109 = 1.09 \times 10^{-5} \quad 0.00638 = 6.38 \times 10^{-3}$$

$$4.2 \times 10^{-3} = 0.0042 \quad 7.51 \times 10^{-6} = 0.00000751$$

$$8.03 \times 10^{-7} = 0.000000803 \quad 0.000643 = 6.43 \times 10^{-4}$$

$$0.00000451 = 4.51 \times 10^{-6} \quad 9.9 \times 10^{-8} = 0.000000099$$

Scientific Notation (E)

Convert between scientific notation and ordinary numbers.

$0.00000009651 =$

$8.13 \times 10^{-5} =$

$0.000408 =$

$5.34 \times 10^{-6} =$

$0.000000436 =$

$0.0032 =$

$3.763 \times 10^{-3} =$

$0.0000298 =$

$5.18 \times 10^{-7} =$

$0.000000342 =$

$0.00000002741 =$

$9.14 \times 10^{-7} =$

$0.0000036 =$

$8.04 \times 10^{-3} =$

$7 \times 10^{-6} =$

$0.0000000992 =$

$3.822 \times 10^{-7} =$

$7.5 \times 10^{-4} =$

$0.0091 =$

$0.00000007204 =$

Scientific Notation (E) Answers

Convert between scientific notation and ordinary numbers.

$$0.00000009651 = 9.651 \times 10^{-8} \quad 8.13 \times 10^{-5} = 0.0000813$$

$$0.000408 = 4.08 \times 10^{-4} \quad 5.34 \times 10^{-6} = 0.00000534$$

$$0.000000436 = 4.36 \times 10^{-7} \quad 0.0032 = 3.2 \times 10^{-3}$$

$$3.763 \times 10^{-3} = 0.003763 \quad 0.0000298 = 2.98 \times 10^{-5}$$

$$5.18 \times 10^{-7} = 0.000000518 \quad 0.000000342 = 3.42 \times 10^{-7}$$

$$0.00000002741 = 2.741 \times 10^{-8} \quad 9.14 \times 10^{-7} = 0.000000914$$

$$0.0000036 = 3.6 \times 10^{-6} \quad 8.04 \times 10^{-3} = 0.00804$$

$$7 \times 10^{-6} = 0.000007 \quad 0.0000000992 = 9.92 \times 10^{-8}$$

$$3.822 \times 10^{-7} = 0.0000003822 \quad 7.5 \times 10^{-4} = 0.00075$$

$$0.0091 = 9.1 \times 10^{-3} \quad 0.00000007204 = 7.204 \times 10^{-8}$$

Scientific Notation (F)

Convert between scientific notation and ordinary numbers.

$0.00764 = \qquad \qquad \qquad 0.000000099 =$

$0.0004953 = \qquad \qquad \qquad 8.5 \times 10^{-6} =$

$6.083 \times 10^{-4} = \qquad \qquad \qquad 9.024 \times 10^{-3} =$

$0.004428 = \qquad \qquad \qquad 4.3 \times 10^{-5} =$

$6.8 \times 10^{-6} = \qquad \qquad \qquad 0.00000001531 =$

$8.86 \times 10^{-8} = \qquad \qquad \qquad 8.641 \times 10^{-5} =$

$0.00099 = \qquad \qquad \qquad 0.001435 =$

$0.000000278 = \qquad \qquad \qquad 0.00000009025 =$

$0.000000695 = \qquad \qquad \qquad 0.00000054 =$

$5.412 \times 10^{-7} = \qquad \qquad \qquad 1.475 \times 10^{-3} =$

Scientific Notation (F) Answers

Convert between scientific notation and ordinary numbers.

$$0.00764 = 7.64 \times 10^{-3} \quad 0.000000099 = 9.9 \times 10^{-8}$$

$$0.0004953 = 4.953 \times 10^{-4} \quad 8.5 \times 10^{-6} = 0.0000085$$

$$6.083 \times 10^{-4} = 0.0006083 \quad 9.024 \times 10^{-3} = 0.009024$$

$$0.004428 = 4.428 \times 10^{-3} \quad 4.3 \times 10^{-5} = 0.000043$$

$$6.8 \times 10^{-6} = 0.0000068 \quad 0.00000001531 = 1.531 \times 10^{-8}$$

$$8.86 \times 10^{-8} = 0.0000000886 \quad 8.641 \times 10^{-5} = 0.00008641$$

$$0.00099 = 9.9 \times 10^{-4} \quad 0.001435 = 1.435 \times 10^{-3}$$

$$0.000000278 = 2.78 \times 10^{-7} \quad 0.00000009025 = 9.025 \times 10^{-8}$$

$$0.000000695 = 6.95 \times 10^{-7} \quad 0.00000054 = 5.4 \times 10^{-7}$$

$$5.412 \times 10^{-7} = 0.0000005412 \quad 1.475 \times 10^{-3} = 0.001475$$

Scientific Notation (G)

Convert between scientific notation and ordinary numbers.

$$0.0000000382 = 2 \times 10^{-5} =$$

$$8.4 \times 10^{-6} = 0.0000046 =$$

$$0.0011 = 0.0007203 =$$

$$0.000000082 = 3.4 \times 10^{-5} =$$

$$8.899 \times 10^{-5} = 4.8 \times 10^{-7} =$$

$$5.5 \times 10^{-5} = 0.0000038 =$$

$$6.5 \times 10^{-6} = 0.00024 =$$

$$0.000135 = 6.401 \times 10^{-5} =$$

$$8.096 \times 10^{-8} = 2.476 \times 10^{-6} =$$

$$6.99 \times 10^{-4} = 8.75 \times 10^{-3} =$$

Scientific Notation (G) Answers

Convert between scientific notation and ordinary numbers.

$$0.0000000382 = 3.82 \times 10^{-8} \quad 2 \times 10^{-5} = 0.00002$$

$$8.4 \times 10^{-6} = 0.0000084 \quad 0.0000046 = 4.6 \times 10^{-6}$$

$$0.0011 = 1.1 \times 10^{-3} \quad 0.0007203 = 7.203 \times 10^{-4}$$

$$0.000000082 = 8.2 \times 10^{-8} \quad 3.4 \times 10^{-5} = 0.000034$$

$$8.899 \times 10^{-5} = 0.00008899 \quad 4.8 \times 10^{-7} = 0.00000048$$

$$5.5 \times 10^{-5} = 0.000055 \quad 0.0000038 = 3.8 \times 10^{-6}$$

$$6.5 \times 10^{-6} = 0.0000065 \quad 0.00024 = 2.4 \times 10^{-4}$$

$$0.000135 = 1.35 \times 10^{-4} \quad 6.401 \times 10^{-5} = 0.00006401$$

$$8.096 \times 10^{-8} = 0.00000008096 \quad 2.476 \times 10^{-6} = 0.000002476$$

$$6.99 \times 10^{-4} = 0.000699 \quad 8.75 \times 10^{-3} = 0.00875$$

Scientific Notation (H)

Convert between scientific notation and ordinary numbers.

$$0.0018 = \qquad \qquad \qquad 0.00065 =$$

$$5.907 \times 10^{-5} = \qquad \qquad \qquad 0.0000237 =$$

$$0.000035 = \qquad \qquad \qquad 2.49 \times 10^{-6} =$$

$$0.000000027 = \qquad \qquad \qquad 0.00058 =$$

$$0.0000006655 = \qquad \qquad \qquad 0.008912 =$$

$$0.000046 = \qquad \qquad \qquad 4.71 \times 10^{-8} =$$

$$0.0000653 = \qquad \qquad \qquad 5.835 \times 10^{-7} =$$

$$0.000000028 = \qquad \qquad \qquad 0.00446 =$$

$$0.0000000218 = \qquad \qquad \qquad 0.00971 =$$

$$8.381 \times 10^{-4} = \qquad \qquad \qquad 5.5 \times 10^{-3} =$$

Scientific Notation (H) Answers

Convert between scientific notation and ordinary numbers.

$$0.0018 = 1.8 \times 10^{-3} \quad 0.00065 = 6.5 \times 10^{-4}$$

$$5.907 \times 10^{-5} = 0.00005907 \quad 0.0000237 = 2.37 \times 10^{-5}$$

$$0.000035 = 3.5 \times 10^{-5} \quad 2.49 \times 10^{-6} = 0.00000249$$

$$0.000000027 = 2.7 \times 10^{-8} \quad 0.00058 = 5.8 \times 10^{-4}$$

$$0.0000006655 = 6.655 \times 10^{-7} \quad 0.008912 = 8.912 \times 10^{-3}$$

$$0.000046 = 4.6 \times 10^{-5} \quad 4.71 \times 10^{-8} = 0.0000000471$$

$$0.0000653 = 6.53 \times 10^{-5} \quad 5.835 \times 10^{-7} = 0.0000005835$$

$$0.000000028 = 2.8 \times 10^{-8} \quad 0.00446 = 4.46 \times 10^{-3}$$

$$0.0000000218 = 2.18 \times 10^{-8} \quad 0.00971 = 9.71 \times 10^{-3}$$

$$8.381 \times 10^{-4} = 0.0008381 \quad 5.5 \times 10^{-3} = 0.0055$$

Scientific Notation (I)

Convert between scientific notation and ordinary numbers.

$$0.0064 = \qquad \qquad \qquad 0.00000002805 =$$

$$0.00000076 = \qquad \qquad \qquad 0.00068 =$$

$$0.0023 = \qquad \qquad \qquad 1.535 \times 10^{-3} =$$

$$0.0073 = \qquad \qquad \qquad 9.29 \times 10^{-3} =$$

$$9.6 \times 10^{-6} = \qquad \qquad \qquad 0.0000023 =$$

$$0.00097 = \qquad \qquad \qquad 0.00000548 =$$

$$0.000883 = \qquad \qquad \qquad 0.00046 =$$

$$0.0004033 = \qquad \qquad \qquad 2.5 \times 10^{-8} =$$

$$6.85 \times 10^{-7} = \qquad \qquad \qquad 2.53 \times 10^{-8} =$$

$$7.8 \times 10^{-7} = \qquad \qquad \qquad 0.0000000303 =$$

Scientific Notation (I) Answers

Convert between scientific notation and ordinary numbers.

$$0.0064 = 6.4 \times 10^{-3} \quad 0.00000002805 = 2.805 \times 10^{-8}$$

$$0.00000076 = 7.6 \times 10^{-7} \quad 0.00068 = 6.8 \times 10^{-4}$$

$$0.0023 = 2.3 \times 10^{-3} \quad 1.535 \times 10^{-3} = 0.001535$$

$$0.0073 = 7.3 \times 10^{-3} \quad 9.29 \times 10^{-3} = 0.00929$$

$$9.6 \times 10^{-6} = 0.0000096 \quad 0.0000023 = 2.3 \times 10^{-6}$$

$$0.00097 = 9.7 \times 10^{-4} \quad 0.00000548 = 5.48 \times 10^{-6}$$

$$0.000883 = 8.83 \times 10^{-4} \quad 0.00046 = 4.6 \times 10^{-4}$$

$$0.0004033 = 4.033 \times 10^{-4} \quad 2.5 \times 10^{-8} = 0.000000025$$

$$6.85 \times 10^{-7} = 0.000000685 \quad 2.53 \times 10^{-8} = 0.0000000253$$

$$7.8 \times 10^{-7} = 0.00000078 \quad 0.0000000303 = 3.03 \times 10^{-8}$$

Scientific Notation (J)

Convert between scientific notation and ordinary numbers.

$0.00000248 =$

$0.005793 =$

$2.9 \times 10^{-4} =$

$0.00046 =$

$2.16 \times 10^{-6} =$

$0.00000329 =$

$0.000505 =$

$4.39 \times 10^{-4} =$

$0.00000058 =$

$0.001503 =$

$5.497 \times 10^{-4} =$

$6.7 \times 10^{-5} =$

$1.35 \times 10^{-5} =$

$0.00698 =$

$0.0037 =$

$0.000004066 =$

$8.856 \times 10^{-4} =$

$0.000078 =$

$0.0085 =$

$0.000000042 =$

Scientific Notation (J) Answers

Convert between scientific notation and ordinary numbers.

$$0.00000248 = 2.48 \times 10^{-6} \quad 0.005793 = 5.793 \times 10^{-3}$$

$$2.9 \times 10^{-4} = 0.00029 \quad 0.00046 = 4.6 \times 10^{-4}$$

$$2.16 \times 10^{-6} = 0.00000216 \quad 0.00000329 = 3.29 \times 10^{-6}$$

$$0.000505 = 5.05 \times 10^{-4} \quad 4.39 \times 10^{-4} = 0.000439$$

$$0.00000058 = 5.8 \times 10^{-7} \quad 0.001503 = 1.503 \times 10^{-3}$$

$$5.497 \times 10^{-4} = 0.0005497 \quad 6.7 \times 10^{-5} = 0.000067$$

$$1.35 \times 10^{-5} = 0.0000135 \quad 0.00698 = 6.98 \times 10^{-3}$$

$$0.0037 = 3.7 \times 10^{-3} \quad 0.000004066 = 4.066 \times 10^{-6}$$

$$8.856 \times 10^{-4} = 0.0008856 \quad 0.000078 = 7.8 \times 10^{-5}$$

$$0.0085 = 8.5 \times 10^{-3} \quad 0.000000042 = 4.2 \times 10^{-8}$$