

Scientific Notation (A)

Convert between scientific notation and ordinary numbers.

$1.23 \times 10^5 =$

$3,450,000 =$

$9,330 =$

$500,000 =$

$7.807 \times 10^8 =$

$48,000 =$

$3,923,000 =$

$7.5 \times 10^4 =$

$2.6 \times 10^5 =$

$140,000,000 =$

$4.34 \times 10^5 =$

$3.09 \times 10^4 =$

$879,600 =$

$2.2 \times 10^8 =$

$3.034 \times 10^7 =$

$4.618 \times 10^4 =$

$962,000 =$

$7.9 \times 10^7 =$

$6.7 \times 10^5 =$

$8.4 \times 10^8 =$

Scientific Notation (A) Answers

Convert between scientific notation and ordinary numbers.

$$1.23 \times 10^5 = 123,000 \qquad 3,450,000 = 3.45 \times 10^6$$

$$9,330 = 9.33 \times 10^3 \qquad 500,000 = 5 \times 10^5$$

$$7.807 \times 10^8 = 780,700,000 \qquad 48,000 = 4.8 \times 10^4$$

$$3,923,000 = 3.923 \times 10^6 \qquad 7.5 \times 10^4 = 75,000$$

$$2.6 \times 10^5 = 260,000 \qquad 140,000,000 = 1.4 \times 10^8$$

$$4.34 \times 10^5 = 434,000 \qquad 3.09 \times 10^4 = 30,900$$

$$879,600 = 8.796 \times 10^5 \qquad 2.2 \times 10^8 = 220,000,000$$

$$3.034 \times 10^7 = 30,340,000 \qquad 4.618 \times 10^4 = 46,180$$

$$962,000 = 9.62 \times 10^5 \qquad 7.9 \times 10^7 = 79,000,000$$

$$6.7 \times 10^5 = 670,000 \qquad 8.4 \times 10^8 = 840,000,000$$

Scientific Notation (B)

Convert between scientific notation and ordinary numbers.

$3.87 \times 10^5 =$

$8.3 \times 10^6 =$

$627,000,000 =$

$92,100 =$

$125,000,000 =$

$9.77 \times 10^7 =$

$66,000 =$

$7,100,000 =$

$6,809,000 =$

$4.97 \times 10^4 =$

$4.02 \times 10^3 =$

$98,400 =$

$5,310 =$

$6.184 \times 10^3 =$

$7,800 =$

$2.9 \times 10^4 =$

$8.25 \times 10^3 =$

$4,210 =$

$190,000,000 =$

$716,500 =$

Scientific Notation (B) Answers

Convert between scientific notation and ordinary numbers.

$$3.87 \times 10^5 = 387,000$$

$$8.3 \times 10^6 = 8,300,000$$

$$627,000,000 = 6.27 \times 10^8$$

$$92,100 = 9.21 \times 10^4$$

$$125,000,000 = 1.25 \times 10^8$$

$$9.77 \times 10^7 = 97,700,000$$

$$66,000 = 6.6 \times 10^4$$

$$7,100,000 = 7.1 \times 10^6$$

$$6,809,000 = 6.809 \times 10^6$$

$$4.97 \times 10^4 = 49,700$$

$$4.02 \times 10^3 = 4,020$$

$$98,400 = 9.84 \times 10^4$$

$$5,310 = 5.31 \times 10^3$$

$$6.184 \times 10^3 = 6,184$$

$$7,800 = 7.8 \times 10^3$$

$$2.9 \times 10^4 = 29,000$$

$$8.25 \times 10^3 = 8,250$$

$$4,210 = 4.21 \times 10^3$$

$$190,000,000 = 1.9 \times 10^8$$

$$716,500 = 7.165 \times 10^5$$

Scientific Notation (C)

Convert between scientific notation and ordinary numbers.

$$802,000,000 = 7.4 \times 10^3 =$$

$$140,000,000 = 41,700,000 =$$

$$4.9 \times 10^4 = 7.879 \times 10^3 =$$

$$37,000,000 = 5.659 \times 10^5 =$$

$$14,850,000 = 8.334 \times 10^3 =$$

$$478,000,000 = 891,000,000 =$$

$$3.74 \times 10^7 = 3.769 \times 10^5 =$$

$$5.2 \times 10^8 = 1.6 \times 10^5 =$$

$$4.37 \times 10^3 = 24,300,000 =$$

$$489,000,000 = 89,900 =$$

Scientific Notation (C) Answers

Convert between scientific notation and ordinary numbers.

$$802,000,000 = 8.02 \times 10^8 \qquad 7.4 \times 10^3 = 7,400$$

$$140,000,000 = 1.4 \times 10^8 \qquad 41,700,000 = 4.17 \times 10^7$$

$$4.9 \times 10^4 = 49,000 \qquad 7.879 \times 10^3 = 7,879$$

$$37,000,000 = 3.7 \times 10^7 \qquad 5.659 \times 10^5 = 565,900$$

$$14,850,000 = 1.485 \times 10^7 \qquad 8.334 \times 10^3 = 8,334$$

$$478,000,000 = 4.78 \times 10^8 \qquad 891,000,000 = 8.91 \times 10^8$$

$$3.74 \times 10^7 = 37,400,000 \qquad 3.769 \times 10^5 = 376,900$$

$$5.2 \times 10^8 = 520,000,000 \qquad 1.6 \times 10^5 = 160,000$$

$$4.37 \times 10^3 = 4,370 \qquad 24,300,000 = 2.43 \times 10^7$$

$$489,000,000 = 4.89 \times 10^8 \qquad 89,900 = 8.99 \times 10^4$$

Scientific Notation (D)

Convert between scientific notation and ordinary numbers.

$6.66 \times 10^6 =$

$5.2 \times 10^5 =$

$7.746 \times 10^7 =$

$1.92 \times 10^6 =$

$360,000 =$

$602,200,000 =$

$5.5 \times 10^4 =$

$63,000 =$

$7,360,000 =$

$8.865 \times 10^7 =$

$626,000 =$

$4.736 \times 10^6 =$

$8,000 =$

$3.6 \times 10^7 =$

$6 \times 10^8 =$

$4.83 \times 10^5 =$

$4.6 \times 10^4 =$

$69,900 =$

$46,500 =$

$510,000 =$

Scientific Notation (D) Answers

Convert between scientific notation and ordinary numbers.

$$6.66 \times 10^6 = 6,660,000 \qquad 5.2 \times 10^5 = 520,000$$

$$7.746 \times 10^7 = 77,460,000 \qquad 1.92 \times 10^6 = 1,920,000$$

$$360,000 = 3.6 \times 10^5 \qquad 602,200,000 = 6.022 \times 10^8$$

$$5.5 \times 10^4 = 55,000 \qquad 63,000 = 6.3 \times 10^4$$

$$7,360,000 = 7.36 \times 10^6 \qquad 8.865 \times 10^7 = 88,650,000$$

$$626,000 = 6.26 \times 10^5 \qquad 4.736 \times 10^6 = 4,736,000$$

$$8,000 = 8 \times 10^3 \qquad 3.6 \times 10^7 = 36,000,000$$

$$6 \times 10^8 = 600,000,000 \qquad 4.83 \times 10^5 = 483,000$$

$$4.6 \times 10^4 = 46,000 \qquad 69,900 = 6.99 \times 10^4$$

$$46,500 = 4.65 \times 10^4 \qquad 510,000 = 5.1 \times 10^5$$

Scientific Notation (E)

Convert between scientific notation and ordinary numbers.

$376,000 =$

$4,300 =$

$9.9 \times 10^8 =$

$4.1 \times 10^7 =$

$2.7 \times 10^6 =$

$3.82 \times 10^3 =$

$2.447 \times 10^3 =$

$6.25 \times 10^4 =$

$334,000,000 =$

$2.154 \times 10^4 =$

$32,730 =$

$5.2 \times 10^5 =$

$1,300,000 =$

$7,100,000 =$

$412,300,000 =$

$5.3 \times 10^3 =$

$9.08 \times 10^7 =$

$1,670 =$

$8.91 \times 10^8 =$

$6.203 \times 10^3 =$

Scientific Notation (E) Answers

Convert between scientific notation and ordinary numbers.

$$376,000 = 3.76 \times 10^5 \qquad 4,300 = 4.3 \times 10^3$$

$$9.9 \times 10^8 = 990,000,000 \qquad 4.1 \times 10^7 = 41,000,000$$

$$2.7 \times 10^6 = 2,700,000 \qquad 3.82 \times 10^3 = 3,820$$

$$2.447 \times 10^3 = 2,447 \qquad 6.25 \times 10^4 = 62,500$$

$$334,000,000 = 3.34 \times 10^8 \qquad 2.154 \times 10^4 = 21,540$$

$$32,730 = 3.273 \times 10^4 \qquad 5.2 \times 10^5 = 520,000$$

$$1,300,000 = 1.3 \times 10^6 \qquad 7,100,000 = 7.1 \times 10^6$$

$$412,300,000 = 4.123 \times 10^8 \qquad 5.3 \times 10^3 = 5,300$$

$$9.08 \times 10^7 = 90,800,000 \qquad 1,670 = 1.67 \times 10^3$$

$$8.91 \times 10^8 = 891,000,000 \qquad 6.203 \times 10^3 = 6,203$$

Scientific Notation (F)

Convert between scientific notation and ordinary numbers.

$$3.286 \times 10^6 = \qquad \qquad \qquad 6,000,000 =$$

$$3.9 \times 10^4 = \qquad \qquad \qquad 67,530,000 =$$

$$429,700 = \qquad \qquad \qquad 2,474 =$$

$$7.373 \times 10^6 = \qquad \qquad \qquad 963,300,000 =$$

$$6,670 = \qquad \qquad \qquad 1.658 \times 10^8 =$$

$$503,600 = \qquad \qquad \qquad 6.8 \times 10^4 =$$

$$8.6 \times 10^6 = \qquad \qquad \qquad 5.44 \times 10^7 =$$

$$19,000 = \qquad \qquad \qquad 1,600 =$$

$$530,700 = \qquad \qquad \qquad 883,700 =$$

$$7.8 \times 10^7 = \qquad \qquad \qquad 8,830 =$$

Scientific Notation (F) Answers

Convert between scientific notation and ordinary numbers.

$$3.286 \times 10^6 = 3,286,000 \qquad 6,000,000 = 6 \times 10^6$$

$$3.9 \times 10^4 = 39,000 \qquad 67,530,000 = 6.753 \times 10^7$$

$$429,700 = 4.297 \times 10^5 \qquad 2,474 = 2.474 \times 10^3$$

$$7.373 \times 10^6 = 7,373,000 \qquad 963,300,000 = 9.633 \times 10^8$$

$$6,670 = 6.67 \times 10^3 \qquad 1.658 \times 10^8 = 165,800,000$$

$$503,600 = 5.036 \times 10^5 \qquad 6.8 \times 10^4 = 68,000$$

$$8.6 \times 10^6 = 8,600,000 \qquad 5.44 \times 10^7 = 54,400,000$$

$$19,000 = 1.9 \times 10^4 \qquad 1,600 = 1.6 \times 10^3$$

$$530,700 = 5.307 \times 10^5 \qquad 883,700 = 8.837 \times 10^5$$

$$7.8 \times 10^7 = 78,000,000 \qquad 8,830 = 8.83 \times 10^3$$

Scientific Notation (G)

Convert between scientific notation and ordinary numbers.

$$9.344 \times 10^5 = 102,000 =$$

$$5,294,000 = 2.243 \times 10^7 =$$

$$9,500 = 1 \times 10^3 =$$

$$10,000,000 = 5.76 \times 10^4 =$$

$$6,560 = 3.8 \times 10^7 =$$

$$4.8 \times 10^3 = 49,300 =$$

$$60,000,000 = 2,060,000 =$$

$$6.27 \times 10^4 = 4.49 \times 10^5 =$$

$$5.834 \times 10^5 = 5,100,000 =$$

$$8.5 \times 10^4 = 802,100,000 =$$

Scientific Notation (G) Answers

Convert between scientific notation and ordinary numbers.

$$9.344 \times 10^5 = 934,400 \qquad 102,000 = 1.02 \times 10^5$$

$$5,294,000 = 5.294 \times 10^6 \qquad 2.243 \times 10^7 = 22,430,000$$

$$9,500 = 9.5 \times 10^3 \qquad 1 \times 10^3 = 1,000$$

$$10,000,000 = 1 \times 10^7 \qquad 5.76 \times 10^4 = 57,600$$

$$6,560 = 6.56 \times 10^3 \qquad 3.8 \times 10^7 = 38,000,000$$

$$4.8 \times 10^3 = 4,800 \qquad 49,300 = 4.93 \times 10^4$$

$$60,000,000 = 6 \times 10^7 \qquad 2,060,000 = 2.06 \times 10^6$$

$$6.27 \times 10^4 = 62,700 \qquad 4.49 \times 10^5 = 449,000$$

$$5.834 \times 10^5 = 583,400 \qquad 5,100,000 = 5.1 \times 10^6$$

$$8.5 \times 10^4 = 85,000 \qquad 802,100,000 = 8.021 \times 10^8$$

Scientific Notation (H)

Convert between scientific notation and ordinary numbers.

$6.22 \times 10^5 =$

$6.91 \times 10^7 =$

$8,447,000 =$

$57,100 =$

$2.145 \times 10^8 =$

$230,000,000 =$

$5,860,000 =$

$590,000 =$

$5,780,000 =$

$7.284 \times 10^8 =$

$902,000 =$

$7.25 \times 10^3 =$

$9.2 \times 10^6 =$

$813,700,000 =$

$5,400 =$

$6,966 =$

$3.9 \times 10^4 =$

$4.7 \times 10^7 =$

$4.278 \times 10^4 =$

$522,600 =$

Scientific Notation (H) Answers

Convert between scientific notation and ordinary numbers.

$$6.22 \times 10^5 = 622,000 \qquad 6.91 \times 10^7 = 69,100,000$$

$$8,447,000 = 8.447 \times 10^6 \qquad 57,100 = 5.71 \times 10^4$$

$$2.145 \times 10^8 = 214,500,000 \qquad 230,000,000 = 2.3 \times 10^8$$

$$5,860,000 = 5.86 \times 10^6 \qquad 590,000 = 5.9 \times 10^5$$

$$5,780,000 = 5.78 \times 10^6 \qquad 7.284 \times 10^8 = 728,400,000$$

$$902,000 = 9.02 \times 10^5 \qquad 7.25 \times 10^3 = 7,250$$

$$9.2 \times 10^6 = 9,200,000 \qquad 813,700,000 = 8.137 \times 10^8$$

$$5,400 = 5.4 \times 10^3 \qquad 6,966 = 6.966 \times 10^3$$

$$3.9 \times 10^4 = 39,000 \qquad 4.7 \times 10^7 = 47,000,000$$

$$4.278 \times 10^4 = 42,780 \qquad 522,600 = 5.226 \times 10^5$$

Scientific Notation (I)

Convert between scientific notation and ordinary numbers.

$$8.8 \times 10^8 = 600,000 =$$

$$28,600,000 = 6.09 \times 10^4 =$$

$$5.68 \times 10^6 = 5,497,000 =$$

$$6 \times 10^4 = 7.657 \times 10^5 =$$

$$7.873 \times 10^7 = 801,000,000 =$$

$$48,000 = 2.931 \times 10^5 =$$

$$64,000 = 2.1 \times 10^6 =$$

$$7.9 \times 10^8 = 7,700,000 =$$

$$2.2 \times 10^8 = 6.84 \times 10^8 =$$

$$61,000 = 8,180,000 =$$

Scientific Notation (I) Answers

Convert between scientific notation and ordinary numbers.

$$8.8 \times 10^8 = 880,000,000 \quad 600,000 = 6 \times 10^5$$

$$28,600,000 = 2.86 \times 10^7 \quad 6.09 \times 10^4 = 60,900$$

$$5.68 \times 10^6 = 5,680,000 \quad 5,497,000 = 5.497 \times 10^6$$

$$6 \times 10^4 = 60,000 \quad 7.657 \times 10^5 = 765,700$$

$$7.873 \times 10^7 = 78,730,000 \quad 801,000,000 = 8.01 \times 10^8$$

$$48,000 = 4.8 \times 10^4 \quad 2.931 \times 10^5 = 293,100$$

$$64,000 = 6.4 \times 10^4 \quad 2.1 \times 10^6 = 2,100,000$$

$$7.9 \times 10^8 = 790,000,000 \quad 7,700,000 = 7.7 \times 10^6$$

$$2.2 \times 10^8 = 220,000,000 \quad 6.84 \times 10^8 = 684,000,000$$

$$61,000 = 6.1 \times 10^4 \quad 8,180,000 = 8.18 \times 10^6$$

Scientific Notation (J)

Convert between scientific notation and ordinary numbers.

$3.52 \times 10^6 =$

$9.8 \times 10^5 =$

$2,600,000 =$

$470,000,000 =$

$5,400,000 =$

$7,100 =$

$7,320 =$

$9.26 \times 10^7 =$

$5.49 \times 10^7 =$

$2.6 \times 10^8 =$

$38,000 =$

$4.7 \times 10^6 =$

$4.446 \times 10^5 =$

$8,200,000 =$

$596,600 =$

$19,000,000 =$

$4.09 \times 10^6 =$

$8.88 \times 10^8 =$

$4,670,000 =$

$3.446 \times 10^5 =$

Scientific Notation (J) Answers

Convert between scientific notation and ordinary numbers.

$$3.52 \times 10^6 = 3,520,000 \qquad 9.8 \times 10^5 = 980,000$$

$$2,600,000 = 2.6 \times 10^6 \qquad 470,000,000 = 4.7 \times 10^8$$

$$5,400,000 = 5.4 \times 10^6 \qquad 7,100 = 7.1 \times 10^3$$

$$7,320 = 7.32 \times 10^3 \qquad 9.26 \times 10^7 = 92,600,000$$

$$5.49 \times 10^7 = 54,900,000 \qquad 2.6 \times 10^8 = 260,000,000$$

$$38,000 = 3.8 \times 10^4 \qquad 4.7 \times 10^6 = 4,700,000$$

$$4.446 \times 10^5 = 444,600 \qquad 8,200,000 = 8.2 \times 10^6$$

$$596,600 = 5.966 \times 10^5 \qquad 19,000,000 = 1.9 \times 10^7$$

$$4.09 \times 10^6 = 4,090,000 \qquad 8.88 \times 10^8 = 888,000,000$$

$$4,670,000 = 4.67 \times 10^6 \qquad 3.446 \times 10^5 = 344,600$$