

14) Scientific Notation

Convert into sci. notation

14.1 4.7×10^4

14.2 6.392×10^1

14.3 7.2×10^{12}

14.4 3.67×10^{-3}

14.5 9.2×10^{-10}

14.6 2.40×10^{-1}

Convert out of sci. notation

14.7 2,800,000,000

14.8 0.000000006

14.9 433.7

Multiplication and division

14.10 7.18×10^7

14.11 3.7×10^4

14.12 1.4×10^{-5}

14.13 3.47×10^4

14.14 5.4×10^7

14.15 7.2×10^{-4}

Addition and subtraction

14.16 2.06×10^8

14.17 2.64×10^{-4}

14.18 1.33×10^{12}

Convert to scientific notation:
47,000

14.1

Convert to scientific notation:
63.92

14.2

Convert to scientific notation:
7,200,000,000,000

14.3

Convert to scientific notation:
0.00367

14.4

Convert to scientific notation:
0.00000000092

14.5

Convert to scientific notation:
0.240

14.6

Convert to regular notation:
 2.8×10^9

14.7

Convert to regular notation:

$$6 \times 10^{-8}$$

14.8

Convert to regular notation:

$$4.337 \times 10^2$$

14.9

Calculate using
scientific notation:

$$(4.12 \times 10^3) \times (1.742 \times 10^4)$$

14.10

Calculate using
scientific notation:

$$(7.023 \times 10^3) \times (5.3 \times 10^{-3})$$

14.11

Calculate using
scientific notation:
 $(3.33 \times 10^{-4}) \times (4.1 \times 10^{-2})$

14.12

Calculate using
scientific notation:

$$\frac{7.35 \times 10^6}{2.118 \times 10^2}$$

14.13

Calculate using
scientific notation:

$$\frac{6.433 \times 10^3}{1.2 \times 10^{-4}}$$

14.14

Calculate using
scientific notation:

$$\frac{2.68 \times 10^{-5}}{3.7 \times 10^{-2}}$$

14.15

Calculate using
scientific notation:
 $(1.352 \times 10^8) + (7.1 \times 10^7)$

14.16

Calculate using
scientific notation:
 $(2.73 \times 10^{-5}) + (2.37 \times 10^{-4})$

14.17

Calculate using
scientific notation:
 $(1.43 \times 10^{12}) - (9.7 \times 10^{10})$

14.18