

EXERCICE 2.4

Calculer :

a. $54\,321,098\,76 \times 10^2 = \mathbf{5\,432\,109,876}$

b. $54\,321,098\,76 \times 10^{-2} =$

c. $54\,321,098\,76 \times 10^4 =$

d. $54\,321,098\,76 \times 10^{-3} =$

e. $54\,321,098\,76 \times 10^5 =$

f. $54\,321,098\,76 \times 10^{-4} =$

g. $54\,321,098\,76 \times 10^{-1} =$

h. $54\,321,098\,76 \times 10^7 =$

i. $54\,321,098\,76 \times 10^{-6} =$

j. $54\,321,098\,76 \times 10^0 =$

EXERCICE 2.5

Calculer :

a. $6,08 \times 10^5 = \mathbf{608\,000}$

b. $-87,52 \times 10^3 =$

c. $8,0002 \times 10^3 =$

d. $0,00875 \times 10^7 =$

e. $67,04 \times 10^{-1} =$

f. $-965,297 \times 10^{-2} =$

g. $-6,153372 \times 10^4 =$

h. $807,5 \times 10^{-5} =$

i. $953\,000\,000 \times 10^{-5} =$

j. $-41\,765\,300 \times 10^{-2} =$

EXERCICE 2.6

Compléter les pointillés :

a. $6,08 \times 10^{\dots} = 608\,000$

b. $87,52 \times 10^{\dots} = 875,2$

c. $764,987 \times 10^{\dots} = 7,64987$

d. $9\,875 \times 10^{\dots} = 98\,750\,000$

e. $49\,518 \times 10^{\dots} = 0,49518$

f. $642,063\,2 \times 10^{\dots} = 642\,063\,200$

g. $40328,16 \times 10^{\dots} = 0,000\,040\,32816$

h. $923,923 \times 10^{\dots} = 9\,239\,230\,000\,000$

i. $328\,143,684 \times 10^{\dots} = 0,000\,000\,032\,814\,368\,4$

j. $32,81 \times 10^{\dots} = 3\,281\,000\,000\,000\,000\,000\,000$

EXERCICE 1C.3

Donner l'écriture scientifique de chaque nombre :

a. $12\,300\,000\,000\,000 =$

b. $0,000\,000\,000\,075 =$

c. $9\,700\,000\,000\,000\,000 =$

d. $0,000\,000\,000\,000\,001\,75 =$

e. $971\,000\,000\,000 =$

f. $0,000\,000\,000\,007\,001 =$

g. $75,09 =$

h. $800\,000\,000\,000\,000\,000 =$

i. $45\,200\,000\,000 =$

j. $0,000\,000\,003 =$

EXERCICE 1C.4

Donner l'écriture scientifique de chaque nombre :

a. $32,5 \times 10^7 =$

b. $0,08 \times 10^5 =$

c. $76,1 \times 10^{-9} =$

d. $0,007\,5 \times 10^{-5} =$

e. $850 \times 10^{12} =$

f. $750\,000 \times 10^9 =$

g. $0,000\,042 \times 10^{15} =$

h. $0,4 \times 10^4 =$

i. $0,100 \times 10^{-31} =$

j. $12\,000 \times 10^{-53} =$