

Fiche exercices : « Les puissances de 10 »

Exercices 1 et 2 page 6 cahier transmath

Exercice 1

Calcule :

$$7,08 \times 10^7 = \dots\dots\dots$$

$$67,54 \times 10^4 = \dots\dots\dots$$

$$0,007\,56 \times 10^5 = \dots\dots\dots$$

$$36,15 \times 10^{-1} = \dots\dots\dots$$

$$328\,000\,000\,000 \times 10^{-6} = \dots\dots\dots$$

$$704,5 \times 10^{-5} = \dots\dots\dots$$

Exercice 2

Complète les pointillés :

$$86,52 \times 10^{\dots} = 8652$$

$$325,384 \times 10^{\dots} = 3,253\,84$$

$$49\,518 \times 10^{\dots} = 0,049\,518$$

$$837,32 \times 10^{\dots} = 837\,320\,000\,000$$

$$5\,241\,000\,000\,000\,000\,000 = 52,41 \times 10^{\dots}$$

$$0,000\,040\,365 = 403,65 \times 10^{\dots}$$

$$8\,562\,320\,000\,000 = \dots\dots\dots \times 10^{11}$$

$$0,009\,120\,000 = \dots\dots\dots \times 10^{-5}$$

Exercice 3

Donne l'écriture scientifique de chaque nombre :

$$14\,600\,000\,000\,000 = \dots\dots\dots$$

$$0,000\,000\,000\,085 = \dots\dots\dots$$

$$9\,700\,000\,000\,000\,000 = \dots\dots\dots$$

$$0,000\,000\,000\,000\,002\,75 = \dots\dots\dots$$

$$861\,000\,000\,000 = \dots\dots\dots$$

$$43,09 = \dots\dots\dots$$

$$600\,000\,000\,000\,000\,000 = \dots\dots\dots$$

$$0,000\,036\,8 = \dots\dots\dots$$

$$32,5 \times 10^7 = \dots\dots\dots$$

$$0,08 \times 10^5 = \dots\dots\dots$$

$$74,5 \times 10^{-9} = \dots\dots\dots$$

$$0,006\,4 \times 10^{-3} = \dots\dots\dots$$

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