ÉVALUATION DIAGNOSTIQUE DES ÉLÈVES ALLOPHONES

Mathématiques

CYCLE 4 - FIN DE 4E

Langue d'origine : anglais

CANOPÉ

SURNAME:	FIRST NAME:

Matériel nécessaire : crayon, gomme, règle graduée.

EXERCICE 1

Calculate:

a) $-5 \times 7 =$ .....

b) $-3 \times (-8) =$ .....

c) $(-16) \div (+2) =$ .....

d) $\dfrac{+21}{-3} =$ .....

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EXERCICE 2

Calculate:

a) $\dfrac{2}{5} + \dfrac{8}{3} =$ .....

b) $\dfrac{4}{7} - \dfrac{1}{14} =$ .....

c) $\dfrac{2}{3} + \dfrac{1}{2} \times \dfrac{5}{3} =$ .....

d) $\dfrac{1}{2} \div \dfrac{3}{4} =$ .....

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EXERCICE 3

Complete:

a) $2^3 =$ .....

b) $10^{-3} \times 10^4 = 10^{\cdots\cdots}$

c) $5^{4\times3} = 5^{\cdots\cdots}$

d) $\frac{3^8}{3^5} = 3^{\cdots\cdots}$

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EXERCICE 4

Solve: $16x - 5 = 3$

Answer: .....

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EXERCICE 5

Circle the right answer:

$0 < 5{,}2 \times 10^{-1} < 1$	• RIGHT	• WRONG
$-1 < 6{,}8 \times 10^{1} < 0$	• RIGHT	• WRONG
$100 < 7{,}5 \times 10^{2} < 1\,000$	• RIGHT	• WRONG

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EXERCICE 6

Circle the right answer:

$[2x + 4]\ [5x - 7] =$

- $10x^2 - 28$
- $2x + 20x - 7$
- $10x^2 + 6x - 28$
- $8x \times 35x$
- $10x^2 + 34x - 28$

$[3x + 4]\ [x + 2] =$

- $3x + 4x + 2$
- $24x$
- $3x^2 + 8$
- $8 + 10x + 3x^2$
- $3x^2 + 9x + 8$

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EXERCICE 7

For 3 days I walked 5 km per day. The next day I only walked 1 km. Then, on the 2 two last days, I walked 7 km per day.

What distance per day did I walk on average?

Answer: .....

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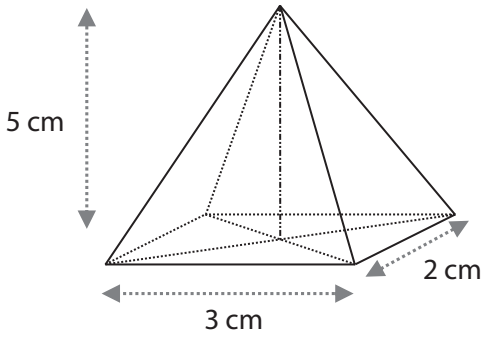
EXERCICE 8

Calculate the volume:



Answer: .....

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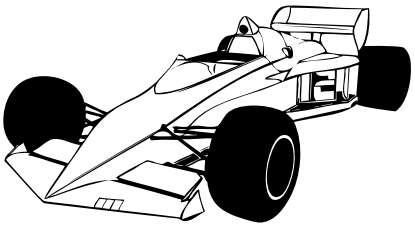
EXERCICE 9

A car covers a distance of 150 km at a speed of 120 km/h.
How long does the journey take?



Answer : .....

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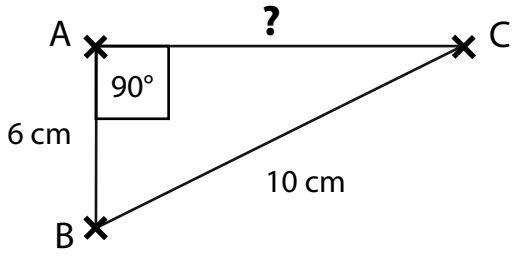
EXERCICE 10

ABC is a right-angled triangle. Calculate AC.



Answer: .....

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