EXERCICE 1.

Calculer mentalement :

a. $-2 \times 3 =$	**b.** $6 \times (-4) =$	**c.** $7 \times (-1) =$	**d.** $-9 \times (-3) =$	**e.** $0 \times (-254) =$
f. $-1 \times (-1) =$	**g.** $5 \times 6 =$	**h.** $-7 \times (-7) =$	**i.** $-6 \times 9 =$	**j.** $-11 \times (-8) =$

EXERCICE 2.

Calculer mentalement:

Exemple : $A = -2 \times 3 \times (-5) \times 8$ *(Il y a 2 facteurs négatifs)* $A = + 240$ *(donc le produit est POSITIF)*	B = -6 × (-1) × 2 × (-1) × (-5) × 7 B =
C = -10 × 2 × (-2) × 5 × (-3) × (-5) × (-7) C =	D = -1 × (-2) × (-3) × 5 × 10 D =
E = 10 × (-0,1) × (-1000) × 0,01 × (-100) E =	F = (-1) × (-12) × 13 × (-14) × (-47) × (-134) × 94 × 0 F =

EXERCICE 3.

Calculer mentalement :

a. $-9 : 3 =$	**b.** $12 : (-4) =$	**c.** $-8 : (-2) =$	**d.** $32 : (-4) =$	**e.** $-21 : (-3) =$
f. $-63 : (-7) =$	**g.** $-9 : (-9) =$	**h.** $-23 : (-1) =$	**i.** $-45 \times (-9) =$	**j.** $0 : (-6) =$

EXERCICE 4.

Calculer mentalement les quotients suivants :

a. $\dfrac{-10}{5} =$	**b.** $\dfrac{-8}{2} =$	**c.** $\dfrac{6}{-3} =$	**d.** $\dfrac{12}{-6} =$	**e.** $\dfrac{27}{-3} =$
f. $\dfrac{-63}{-9} =$	**g.** $\dfrac{950}{-10} =$	**h.** $\dfrac{-74}{-10} =$	**i.** $\dfrac{9,3}{-100} =$	**j.** $\dfrac{0}{-152} =$

EXERCICE 5.

Calculer en respectant les priorités:

Exemple : $A = \underline{-2 \times (-3)} + \underline{7 \times (-4)}$ (priorité aux multiplications) $A = 6 + (-28)$ (addition de 2 nombres de signes différents) $A = -22$	B = -9 × 2 + 5 × (-6) − 3	C = -6 + 7 × (-3) − 6 × (-1)
D = (-1) × (-2) + (-3) − (-4) × (-5)	E = [-3 − 5 × (-2)] × [8 + (-1)]	F = [-2 + (-9)] × [7 − (-6) × (-4)]