

## Exercice 1 : Calcule sans poser d'opérations.

CORRECTION

$7 \times (-6) = -42$	$5 \times (-7) = -35$	$-36 \div (-6) = 6$	$-2 + 9 = 7$
$-15 + (-8) = -23$	$18 + (-27) = -9$	$8 \times (-7) = -56$	$-5 - 1 = -6$
$-72 \div 8 = -9$	$17 + (-9) = 8$	$-7 - (-4) = -3$	$6 - (-7) = 13$
$5 - 9 = -4$	$(-5) \times (-2) = 10$	$(-4) + 13 = 9$	$(-4) \times (-2) \times (-1) \times (-3) = 24$

## Exercice 2 : Calcule en détaillant les étapes :

$A = -5 + (-7) - (-4) + 9$	$B = (6 - 7) + (-2 - 4) + 12$	$C = (-5 + 1) - (7 - 8) + (-1 - 4)$
$A = -5 - 7 + 4 + 9$	$B = (-1) + (-6) + 12$	$C = -4 - (-1) + (-5)$
$A = 13 - 12 = 1$	$B = -7 + 12 = 5$	$C = -4 + 1 - 5 = 1 - 9 = -8$

Exercice 3 : Calcule en respectant les priorités et en détaillant les étapes.  
Souligne le premier calcul effectué.

$A = 20 + \underline{5 \times (-2)}$	$B = \underline{(-8) \div 4} - 5$	$C = 19 - \underline{12 \div (-4)}$	$D = -10 + \underline{10 \times (-4)}$
$A = 20 + (-10)$	$B = -2 - 5$	$C = 19 - (-3)$	$D = -10 + (-40)$
$A = 20 - 10 = 10$	$B = -7$	$C = 19 + 3 = 22$	$D = -50$
$E = \underline{(15 + 5)} \times (-8)$	$F = -8 \div \underline{(4 - 5)}$	$G = \underline{8 \times (-2)} - \underline{9 \div (-3)}$	$E = \underline{(-10 + 10)} \times (-4)$
$E = 20 \times (-8)$	$F = -8 \div (-1)$	$G = -16 - (-3)$	$E = 0 \times (-4)$
$E = -160$	$F = 8$	$G = -16 + 3$	$E = 0$
		$G = -13$	

## Exercice 4 : Écris ces fractions le plus simplement possible :

$A = \frac{-5}{-7}$	$B = \frac{10}{-40}$	$C = \frac{-9 \times 4}{6 \times (-2)}$	$D = \frac{4 - 6}{6 - (-2)}$
$A = -\frac{5}{7}$	$B = -\frac{1}{4}$	$C = \frac{-36}{-12} = 3$	$D = \frac{-2}{8} = -\frac{1}{4}$

## Exercice 5 :

Calcule $A = 7 - 3x$ pour $x = -2$	Calcule $B = (x + 5) \times (x - 7)$ pour $x = 4$
$A = 7 - 3 \times (-2)$	$B = (4 + 5) \times (4 - 7)$
$A = 7 + 6$	$B = 9 \times (-3)$
$A = 13$	$B = -27$