

### Énoncé

Calculer les expressions :

$$A = 15 + 3$$

$$B = 15 - 3$$

$$C = -15 + 3$$

$$D = -15 - 3$$

$$E = 15 \times 3$$

$$F = (-15) \times 3$$

$$G = 15 \times (-3)$$

$$H = (-15) \times (-3)$$

$$I = \frac{15}{3}$$

$$J = \frac{-15}{3}$$

$$K = \frac{15}{-3}$$

$$L = \frac{-15}{-3}$$

$$M = -1,2 + 4,5$$

$$N = -7,3 - 2,7$$

$$P = 13 - 3,9 + 2 - 11,1 + 1,5$$

$$Q = (-2) + (-14) - (-8) - (+3) + (+9)$$

$$R = 18 \times 5 \times (-2)$$

$$S = (-4) \times (-3,5) \times 25 \times (-2)$$

$$T = (-5) \times 4 \times 2 \times (-4) \times (-10) \times (-2)$$

$$U = \frac{(-4) \times 10}{-8}$$

$$V = 4,3 \times (-2)$$

$$W = 2 + 3 \times 4$$

$$X = 6 - 3 \times 4 + 7 - 2$$

$$Y = (6 - 3) \times 4 + (7 - 2)$$

$$Z = 13 - 5 + 12 : 3 + 2 - 2 \times 7$$

### Corrigé

$$\cdot A = 15 + 3 = \boxed{18}$$

$$\cdot B = 15 - 3 = \boxed{12}$$

$$\cdot C = -15 + 3 = \boxed{-12}$$

$$\cdot D = -15 - 3 = \boxed{-18}$$

$$\cdot E = 15 \times 3 = \boxed{45}$$

$$\cdot F = (-15) \times 3 = -15 \times 3 = \boxed{-45}$$

$$\cdot G = 15 \times (-3) = -15 \times 3 = \boxed{-45}$$

$$\cdot H = (-15) \times (-3) = +15 \times 3 = \boxed{45}$$

$$\cdot I = \frac{15}{3} = 15 : 3 = \boxed{5}$$

$$\cdot J = \frac{-15}{3} = -15 : 3 = \boxed{-5}$$

$$\cdot K = \frac{15}{-3} = -15 : 3 = \boxed{-5}$$

$$\cdot L = \frac{-15}{-3} = +15 : 3 = \boxed{5}$$

$$\cdot M = -1,2 + 4,5 = \boxed{3,3}$$

$$\cdot N = -7,3 - 2,7 = \boxed{-10}$$

$$\begin{aligned} \cdot P &= 13 - 3,9 + 2 - 11,1 + 1,5 \\ &= 13 + 2 + 1,5 - 3,9 - 11,1 \\ &= 16,5 - 15 \\ &= \boxed{1,5} \end{aligned}$$

$$\begin{aligned} \cdot Q &= (-2) + (-14) - (-8) - (+3) + (+9) \\ &= -2 - 14 + 8 - 3 + 9 \\ &= 8 + 9 - 2 - 14 - 3 \\ &= 17 - 19 \\ &= \boxed{-2} \end{aligned}$$

$$\begin{aligned} \cdot R &= 18 \times 5 \times (-2) \\ &= -18 \times 5 \times 2 \\ &= -18 \times 10 \\ &= \boxed{-180} \end{aligned}$$

$$\begin{aligned} \cdot S &= (-4) \times (-3,5) \times 25 \times (-2) \\ &= -4 \times 3,5 \times 25 \times 2 \\ &= -4 \times 25 \times 3,5 \times 2 \\ &= -100 \times 7 \\ &= \boxed{-700} \end{aligned}$$

$$\begin{aligned} \cdot T &= (-5) \times 4 \times 2 \times (-4) \times (-10) \times (-2) \\ &= +5 \times 4 \times 2 \times 4 \times 10 \times 2 \\ &= +5 \times 2 \times 10 \times 4 \times 4 \times 2 \\ &= +10 \times 10 \times 16 \times 2 \\ &= +100 \times 32 \\ &= \boxed{3200} \end{aligned}$$

$$\cdot U = \frac{(-4) \times 10}{-8} = +\frac{4 \times 10}{8} = \frac{40}{8} = \boxed{5}$$

$$\cdot V = 4,3 \times (-2) = -4,3 \times 2 = \boxed{-8,6}$$

$$\cdot W = 2 + 3 \times 4 = 2 + 12 = 14$$

$$\begin{aligned} \cdot X &= 6 - 3 \times 4 + 7 - 2 \\ &= 6 - 12 + 7 - 2 \\ &= 6 + 7 - 12 - 2 \\ &= 13 - 14 \\ &= -1 \end{aligned}$$

$$\begin{aligned} \cdot Y &= (6 - 3) \times 4 + (7 - 2) \\ &= 3 \times 4 + 5 \\ &= 12 + 5 \\ &= 17 \end{aligned}$$

$$\begin{aligned} \cdot Z &= 13 - 5 + 12 : 3 + 2 - 2 \times 7 \\ &= 13 - 5 + 4 + 2 - 14 \\ &= 13 + 4 + 2 - 5 - 14 \\ &= 19 - 19 \\ &= 0 \end{aligned}$$