

5e : Chapitre 11 : Calcul Littéral – Question flash 1

Ex 2 :

- a) $2 \times 5 \times d = 10 \times d = 10d$
- b) $3 \times e \times 8 = 3 \times 8 \times e = 24 \times e = 24e$
- c) $g \times 8 \times 9 = g \times 72 = 72 \times g = 72g$
- d) $3 \times (n+m) = 3(n+m)$
- e) $(a+b) \times 5 = 5(a+b)$
- f) $b \times (5 \times e + 7) = b(5e+7)$

Ex 3 :

$$J = 5y + 3 = 5 \times y + 3 = 5 \times 10 + 3 = 50 + 3 = 53$$

$$L = 15 + 13y = 15 + 13 \times y = 15 + 13 \times 10 = 15 + 130 = 145$$

$$K = 8y - 25 = 8 \times y - 25 = 8 \times 10 - 25 = 80 - 25 = 55$$

$$M = 800 - 20y = 800 - 20 \times y = 800 - 20 \times 10 = 800 - 200 = 600$$

Ex 4 :

$$D = 7a + 3b - 3 = 7 \times a + 3 \times b - 3 = 7 \times 2 + 3 \times 3 - 3 = 14 + 9 - 3 = 23 - 3 = 20$$

$$E = 3a - 7b + 4 = 3 \times a - 7 \times b + 4 = 3 \times 2 - 7 \times 3 + 4 = 6 - 21 + 4 = -15 + 4 = -11$$

Ex 5 :

- a) $6 \times 6 = 6^2$
- b) $n \times n = n^2$
- c) $b \times b = b^2$
- d) $23 \times 23 = 23^2$
- e) $r \times r \times r = r^3$
- f) $2 \times 2 \times p = 2^2 \times p = 2^2 p$
- g) $r \times r \times t \times t \times t = r^2 \times t^3 = r^2 t^3$
- h) $3 \times 3 \times n \times n = 3^2 \times n^2 = 3^2 n^2$
- i) $1 \times 1 \times 1 \times y \times y = 1^3 \times y^2 = y^2$
- j) $d \times d \times d \times 6 \times 6 = d^3 \times 6^2 = 6^2 \times d^3 = 6^2 d^3$