

CALCUL LITTERAL SIMPLIFICATIONS

Exercice 1

Calculer les expressions suivantes pour $x = 10$

$$A = 2x$$

$$B = x + 2$$

$$C = 3x - 1$$

$$D = x^2$$

$$E = 4(3x - 29)$$

$$F = 5x^3 - 3x + 7$$

Exercice 2

Réduire les expressions suivantes

$$2x + 3x = \dots$$

$$2x \times 3 = \dots$$

$$x \times x = \dots$$

$$2x \times x = \dots$$

$$2x \times 3x = \dots$$

$$7x - 3x = \dots$$

$$7x \times 3x = \dots$$

$$8x + x = \dots$$

$$8x \times x = \dots$$

$$7x \times 107x \times 0 \times 19 = \dots$$

$$6x + 5x + 9x = \dots$$

$$2x \times 5x \times 4x = \dots$$

$$12x - x = \dots$$

$$12x + 0 - x - 5x = \dots$$

Exercice n°3

Réduire les expressions suivantes

$$A = 2x + 5 + 4x + 6$$

$$= \dots$$

$$= \dots$$

$$B = 10x + 17 - 4x - 6$$

$$= \dots$$

$$= \dots$$

$$C = 2x^2 + 15 + 4x^2 - 2$$

$$= \dots$$

$$= \dots$$

$$D = x^2 + 2x + 15 + 4x^2 + 6x - 3$$

$$= \dots$$

$$= \dots$$