

Exercice 1.

Développer et réduire, si possible :

$$A = 3(4 - 6x) ; \quad B = -(3 - 2x) ; \quad C = -2x(5x + 7) ;$$

$$D = 8x(x - 5) - (7 - 2x)$$

correction :

$$A = 3(4 - 6x)$$

$$B = -(3 - 2x)$$

$$C = -2x(5x + 7)$$

$$A = 3 \times 4 - 3 \times 6x$$

$$B = -3 + 2x$$

$$C = -2x \times 5x - 2x \times 7$$

$$A = 12 - 18x$$

$$C = -10x^2 - 14x$$

$$D = 8x(x - 5) - (7 - 2x)$$

$$D = 8x \times x - 8x \times 5 - 7 + 2x$$

$$D = 8x^2 - 40x - 7 + 2x$$

$$D = 8x^2 - 38x - 7$$