

4ème	Utiliser le calcul littéral	
	Utiliser la double distributivité	CA1/RE2

**Définition :**

$$(a + b)(c + d) = ac + ad + bc + bd$$

**Exemples:**

$$J = (x + 5)(2x + 1)$$

$$J = x \times 2x + x \times 1 + 5 \times 2x + 5 \times 1$$

$$J = 2x^2 + x + 10x + 5$$

$$J = 2x^2 + 11x + 5$$

$$K = (2x - 1)(3x - 2)$$

$$K = 2x \times 3x + 2x \times (-2) + (-1) \times 3x + (-1) \times (-2)$$

$$K = 6x^2 - 4x - 3x + 2$$

$$K = 6x^2 - 7x + 2$$