Exercice 6 : Factorisation

A = 6x - x²

**A = x(6 - x)**

B = 9x(x - 3) + 9x(10 + 2x)

**B = 9x(3x + 7)**

C = (2x + 1)(8 + x) - (3x - 1)(2x + 1)

**C = (2x + 1)(-x + 7)**

D = 4x² + 7x

**D = x(4x + 7)**

E = (11x - 3)² + (11x - 3)(5 + 9x)

**E = (11x - 3)(20x + 2)**

F = x² - 10x + 25

**F = (x - 5)²**

G = (2 - x)(9 + x) - (2 - x)

**G = (2 - x)(8 + x)**

H = (5x + 1)² - 81

**H = (5x - 8)(5x + 10)**

J = (7x + 2)² - (3x + 4)²

**J = (4x - 2)(10x + 6)**

K = 100 + 60x + 9x²

**K = (3x + 10)²**

L = 5x² + x

**L = x(5x + 1)**

M = (5x - 2)² - 9(x + 1)²

M = (5x - 2)² - [3(x + 1)]² 🡺 j’ai un doute pour cette étape !

M = [(5x - 2) - (3x + 1)][(5x - 2) + (3x + 1)

**M = (2x - 3)(8x - 1)**