

Exercice 1. Développer et réduire

$$A = (x - \frac{2}{5})(x + \frac{2}{3})$$

$$B = (2x - \frac{3}{4})(3x - \frac{1}{3})$$

$$C = (x + 3)^2 - (x - 2)(x + \frac{7}{3})$$

$$D = x - 1 - (\frac{4}{3}x - 3)(\frac{4}{3}x + 3)$$

Exercice 2. Factoriser et réduire

$$E = 2x^2 - x$$

$$F = x - 2 + (x - 5)(x - 2)$$

$$G = 9x^2 + 12x + 4$$

$$H = 4x^2 - 16$$

$$I = 3x(x + 1) - (x + 4)x$$

$$K = x^2 - 1$$

$$L = x^2 - 22x + 121$$