

Dans chacun des exercices proposées ci-dessous, déterminez la forme développée de  $f(x)$ .

**Exercice 1.**  $f(x) = (-5x - 6)^2$ .

**Exercice 2.**  $f(x) = (3x - 9)^2$ .

**Exercice 3.**  $f(x) = (3x - 2)(3x + 2)$ .

**Exercice 4.**  $f(x) = (-6x - 3)(3 - 6x)$ .

**Exercice 5.**  $f(x) = (x + 9)^2$ .

**Exercice 6.**  $f(x) = (6 - 6x)^2$ .

**Exercice 7.**  $f(x) = (2x - 1)(2x + 1)$ .

**Exercice 8.**  $f(x) = (-10x - 7)(7 - 10x)$ .

**Exercice 9.**  $f(x) = (-x - 4)(4 - x)$ .

**Exercice 10.**  $f(x) = (-10x - 8)(8 - 10x)$ .

**Exercice 11.**  $f(x) = (6x - 4)(6x + 4)$ .

**Exercice 12.**  $f(x) = (9x - 5)^2$ .

**Exercice 13.**  $f(x) = (-x - 8)^2$ .

**Exercice 14.**  $f(x) = (3x - 5)(3x + 5)$ .

**Exercice 15.**  $f(x) = (2x - 2)(2x + 2)$ .

**Exercice 16.**  $f(x) = (3x - 8)(3x + 8)$ .

**Exercice 17.**  $f(x) = (6x + 10)^2$ .

**Exercice 18.**  $f(x) = (-6x - 3)(3 - 6x)$ .

**Exercice 19.**  $f(x) = (8x - 4)(8x + 4)$ .

**Exercice 20.**  $f(x) = (5 - 2x)^2$ .

**Exercice 21.**  $f(x) = \left(-\frac{9x}{7} - \frac{7}{4}\right) \left(\frac{7}{4} - \frac{9x}{7}\right)$ .

**Exercice 22.**  $f(x) = \left(-\frac{9x}{2} - \frac{1}{5}\right) \left(\frac{1}{5} - \frac{9x}{2}\right)$ .

**Exercice 23.**  $f(x) = \left(\frac{7x}{8} - \frac{3}{7}\right) \left(\frac{7x}{8} + \frac{3}{7}\right)$ .

**Exercice 24.**  $f(x) = \left(-\frac{5x}{2} - \frac{9}{10}\right) \left(\frac{9}{10} - \frac{5x}{2}\right)$ .

**Exercice 25.**  $f(x) = \left(-6x - \frac{1}{3}\right)^2$ .