

Fiche Factorisation.

Niveau 1

F1 ex 7

$$\begin{aligned} a) \quad 3x+9 &= \underline{3}x + \underline{3} \times 3 \\ &= 3(x+3) \end{aligned}$$

$$\begin{aligned} b) \quad 14x-12 &= 7 \times \underline{2}x - 6 \times \underline{2} \\ &= 2(7x-6) \end{aligned}$$

$$\begin{aligned} c) \quad -2x-2 &= \underline{-2}x - \underline{-2} \times 1 \\ &= -2(x+1) \end{aligned}$$

$$\begin{aligned} d) \quad 5x^2+7x &= 5 \times x \times \underline{x} + 7 \times \underline{x} \\ &= x(5x+7) \end{aligned}$$

$$\begin{aligned} e) \quad 14-21x &= \underline{7} \times 2 - \underline{7} \times 3x \\ &= 7(2-3x) \end{aligned}$$

$$\begin{aligned} f) \quad 7x+7x^2 &= \underline{7}x + \underline{7}x \times x \\ &= 7(x+x^2) \\ &= 7x(1+x) \end{aligned}$$