

Correction 59p162

$$(x+5)(x+3) = x \times x + x \times 3 + 5 \times x + 5 \times 3 = x^2 + 3x + 5x + 15 = x^2 + 8x + 15$$

$$(3x+2)(x+4) = 3x \times x + 3x \times 4 + 2 \times x + 2 \times 4 = 3x^2 + 12x + 2x + 8 = 3x^2 + 14x + 8$$

PIEGE, ici il faudra transformer les soustractions en additions pour utiliser la formule correctement

$$(x+3)(x-2) = (x+3)(x+(-2)) = x \times x + x \times (-2) + 3 \times x + 3 \times (-2) = x^2 + (-2x) + 3x + (-6) = x^2 + 1x + (-6)$$

$$\begin{aligned}(x-4)(x-1) &= (x+(-4))(x+(-1)) = x \times x + x \times (-1) + (-4) \times x + (-4) \times (-1) = x^2 + (-1x) + (-4x) + 4 \\ &= x^2 + (-5x) + 4\end{aligned}$$