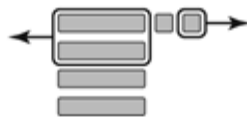
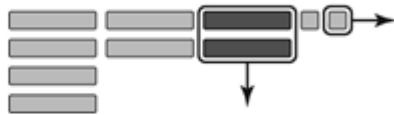


## Réponses – 5,4 Soustraire les polynômes

1. a)  $2x + 1$  ;



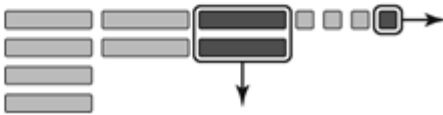
b)  $6x + 1$  ;



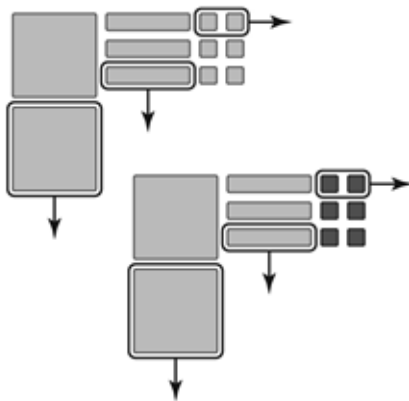
c)  $2x + 3$  ;



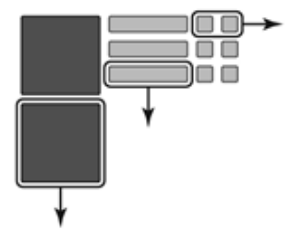
d)  $6x + 3$  ;



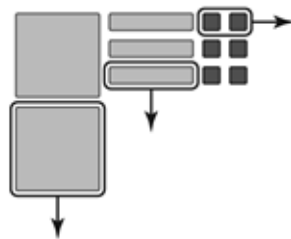
2. a)  $s^2 + 2s + 4$  ;



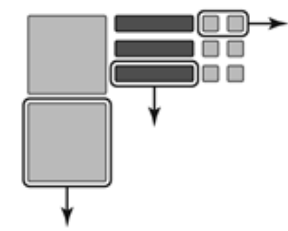
c)  $-s^2 + 2s + 4$  ;



b)  $s^2 + 2s - 4$  ;



d)  $s^2 - 2s + 4$  ;



3. a)  $-3x - 1$

c)  $-3x^2 - 2$

b)  $3 - 15w$

d)  $-12z^2 + 1$

4. a) Sa solution est erronée parce qu'il a changé le signe du premier polynôme.

$$\begin{aligned} \text{b) } & (3y^2 + 5y + 2) - (4y^2 + 3y + 2) \\ & = 3y^2 + 5y + 2 - 4y^2 - 3y - 2 \\ & = 3y^2 - 4y^2 + 5y - 3y + 2 - 2 \\ & = -y^2 + 2y \end{aligned}$$

5. Il y a deux réponses possibles.

$$\begin{aligned} & (4x + 1 - 3x^2) - (5x + 3) = -3x^2 - x - 2, \text{ ou} \\ & (5x + 3) + (4x + 1 - 3x^2) = -3x^2 + 9x + 4 \end{aligned}$$

6. a)  $mn - 7m - 8 + 6n$

b)  $-a + 4b - 2a^2 - 7b^2$

c)  $2xy - x - 14y - 2y^2$