

1. Expand $3(y + 2)$



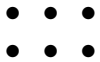
work out $\rightarrow 3 \dots 2 = \underline{\hspace{2cm}}$

simplify $\rightarrow 3 \dots y = \dots\dots$

$$3 (y + 2) = \dots\dots + \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow

2. Expand $3(a - 2)$



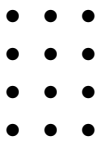
work out $\rightarrow 3 \dots 2 = \underline{\hspace{2cm}}$

simplify $\rightarrow 3 \dots a = \dots\dots$

$$3 (a - 2) = \dots\dots - \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow

3. (a) Expand $3(x + 4)$



$$3 (x + 4) = \dots\dots \underline{\hspace{2cm}}$$

“invisible times sign” \uparrow which sign?

(b) Expand $5(n - 1)$

4. (a) Expand $5(y + 2)$ or (b) Expand $5(y - 2)$

5. Expand $3(4x - 1)$

6. (a) Expand $5(2 - k)$

(b) Expand $5(1 + 3k)$

7. Expand and simplify $3(4x + 1) + 4(2x - 1)$

8. Expand and simplify $3(4x + 1) + (2x - 1)$

9. Expand $3(2y - x)$

10. (a) Expand $-3(2m - n)$

(b) Expand $-(2m - n)$

11. (a) Expand and simplify $5(2a + 3) - 3(4a - 2)$

(b) Expand and simplify $5(2a + 3) - (4a - 2)$