

a) Simplify $2a + 3b - a - b$

$$\begin{array}{r} 2a - a \quad 3b - b \\ a + 2b \end{array}$$

(2)

b) Expand $4(2m - 3n)$

$$\begin{array}{r} 4 \times 2m \quad 8m - 12n \\ 4 \times -3n \end{array}$$

(1)

a) Expand $3(2y - 5)$

$$6y - 15$$

(1)

b) Simplify $5x - 3y - 3x + y$

$$2x - 2y$$

(2)

Expand and simplify

$$3(2a + 5) + 5(a - 2)$$

Expand the brackets
first...

$$6a + 15 + 5a - 10$$

$$11a + 5$$

(2)

Expand and simplify

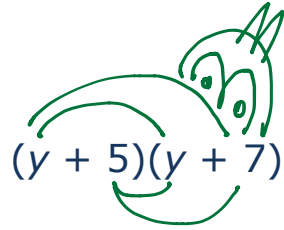
$$2(x - y) - 3(x - 2y)$$

be careful with
the signs here

$$2x - 2y - 3x + 6y$$
$$-x + 4y$$

(2)

Expand and simplify


$$(y + 5)(y + 7)$$

$$y^2 + 7y + 5y + 35$$
$$y^2 + 12y + 35$$

(2)

Expand and simplify

$$(x - 5)(x + 7)$$

$$x^2 + 7x - 5x - 35$$

$$x^2 + 2x - 35$$

(2)

Expand and simplify $(a - 2)(a - 5)$

$$a^2 - 5a - 2a + 10$$

$$a^2 - 7a + 10$$

(2)

