

Ex3

Expanding and simplify the following,
 $(3x - 1)(x - 3)$

Ex4

Expanding and simplify the following,
 $(4x - 7)^2$

Q3

Expand the following double brackets.

[a] $(3x - 2)(x + 6)$ **[c]** $(2x - 1)(3x + 2)$

[b] $(4x + 3)(2x - 5)$ **[d]** $(5x - 3)^2$

Q4

Find and correct the mistakes below.

[a] $(2x - 1)(2x + 4) = 2x^2 + 6x - 4$

[b] $(3x + 4)(3x - 1) = 9x^2 + 9x + 4$

[c] $(4x + 2)(2x + 1) = 8x^2 + 6x - 2$

[d] $(2x - 1)(3x + 5) = 5x^2 + 7x - 5$

Q5

The following square is made up of rectangles and a compound shape. Write a simplified expression for each area making up the square.

