

1. Find the product:  $(2x + 9)(x - 3)$ . How did you get the middle term?

2. Find the product:  $(3x - 11)(2x + 1)$ .

3. Find the product:  $(4x - 7)(3x - 5)$ .

4. Expand:  $(x - 8)^2$ . How did you get the middle term?

5.  $3x + 5$

$4x - 9$



The length of the rectangle is  $3x + 5$  and the width is  $4x - 9$ .

Part 1: Write an expression that could be used to represent the area of the rectangle above.

Part 2: Simplify the expression you found in Part 1.