

ACTION

RESPONSE

Fluency



1. $(x + 4)(x + 3)$

4. $(x - 4)(x - 3)$

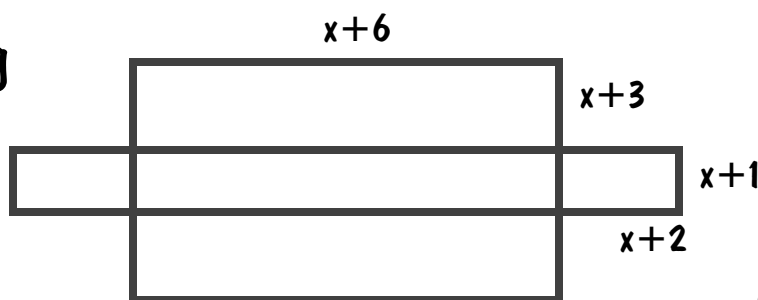
2. $(x + 5)(x + 2)$

5. $(x + 5)(x - 2)$

3. $(x - 3)(x - 7)$

6. $(x + 3)(x - 7)$

Reasoning



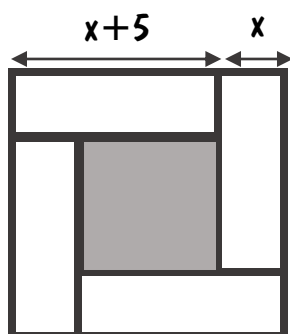
Shade the area shown by the expression:

$$x^2 + 7x + 6$$

Problem Solving



Four identical rectangles surround the shaded square:



a) Find an expression for the sum of the areas of the four identical tiles.

b) Find the area of the larger square created by the 4 tiles.

c) Hence find the area of the shaded square.



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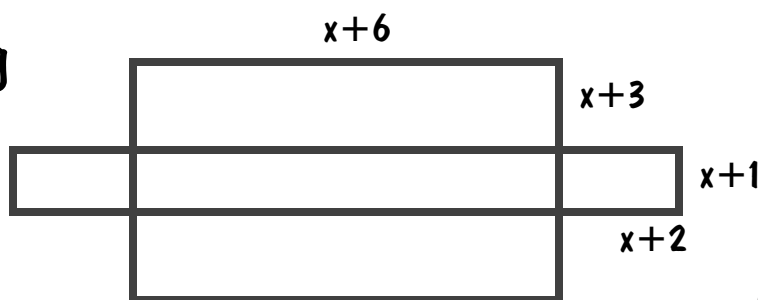
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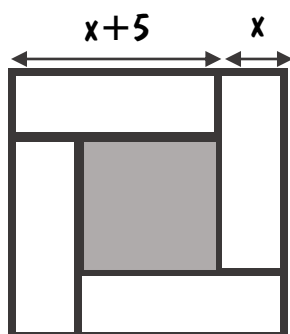
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