

Diagram illustrating the area of a rectangle divided into three horizontal sections. The top section is purple, the middle is light blue, and the bottom is light purple. The top section has height x and width b . The middle section has height x and width b . The bottom section has height x and width b . The total height is $3x$ and the total width is b . The area of the bottom section is labeled $\text{Área} = c$.

$$\boxed{} = \boxed{} + C$$

Diagram illustrating the area of a square with side length b , divided into four regions by a horizontal line at height c . The regions are labeled with their dimensions and area expressions:

- Top-left region (white): width $b/2$, height c , area $(\frac{b}{2} \cdot c)$.
- Bottom-left region (blue): width $b/2$, height c , area $(\frac{b}{2} \cdot c)$.
- Bottom-right region (white): width $b/2$, height c , area $(\frac{b}{2} \cdot c)$.
- Top-right region (white): width $b/2$, height c , area $(\frac{b}{2} \cdot c)$.

The total area of the square is b^2 . The area of the blue region is $(\frac{b}{2} \cdot c)$. The area of the white regions is $b^2 - (\frac{b}{2} \cdot c) = b(b - \frac{c}{2})$.

Lado del cuadrado azul mide =

Área del cuadrado azul mide = $\left(\text{Es un } \text{Binomio al cuadrado} \right)^2 =$

$x = \frac{\quad}{2}$

$b \pm \sqrt{4b - c^2}$ $b \pm \sqrt{b^2 - 4c}$
 $c \pm \sqrt{b^2 - 4c}$



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