

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 difference of squares: $b^2 - \left(\frac{b}{2}\right)^2$. The square is divided into four regions by a horizontal line at height c . The top region is white with width $b/2$ and height c . The bottom-left region is blue with width $b/2$ and height c . The bottom-right region is white with width $b/2$ and height c . The top-right region is white with width $b/2$ and height c . The total area is b^2 . The area of the blue region is $\left(\frac{b}{2}\right)^2$. The area of the white regions is $b^2 - \left(\frac{b}{2}\right)^2$.

Lado del cuadrado azul mide =

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

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

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



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