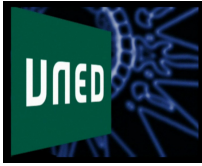


## FORMULA 2 DEGREE EQ



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## Formula 2nd degree eq.

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$$ax^2 + bx + c = 0$$

## Complete the square

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$$x^2 + \frac{b}{a}x + \frac{c}{a} = 0$$

## Two roots

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$$\left(x + \frac{b}{2a}\right)^2 - \frac{b^2}{4a^2} + \frac{c}{a} = 0$$

## Final formula

$$x + \frac{b}{2a} = \pm \sqrt{\frac{b^2 - 4ac}{4a^2}}$$

## Sum.: formula 2nd degree eq.

