



# Matemáticas 3º ESO

PROFESORA:  
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## ECUACIONES 2 GRADO COMPLETAS

Evaluación: 3

Grupo: 3º ESO

Nombre:

Fecha:

Resuelve las siguientes ecuaciones:

a)  $x^2 + 4x - 5 = 0$

$$\left. \begin{array}{l} a = \boxed{\phantom{00}} \\ b = \boxed{\phantom{00}} \\ c = \boxed{\phantom{00}} \end{array} \right\} \rightarrow x = \frac{- \boxed{\phantom{00}} \pm \sqrt{\boxed{\phantom{00}}^2 - 4 \cdot \boxed{\phantom{00}} \cdot (\boxed{\phantom{00}})}}{2 \cdot \boxed{\phantom{00}}} = \boxed{\phantom{00}} \pm \boxed{\phantom{00}} \quad \begin{array}{l} x = \boxed{\phantom{00}} \\ x = \boxed{\phantom{00}} \end{array}$$

b)  $2x^2 - 7x + 3 = 0$

$$\left. \begin{array}{l} a = \boxed{\phantom{00}} \\ b = \boxed{\phantom{00}} \\ c = \boxed{\phantom{00}} \end{array} \right\} \rightarrow x = \frac{- (\boxed{\phantom{00}}) \pm \sqrt{(\boxed{\phantom{00}})^2 - 4 \cdot \boxed{\phantom{00}} \cdot \boxed{\phantom{00}}}}{2 \cdot \boxed{\phantom{00}}} = \boxed{\phantom{00}} \pm \boxed{\phantom{00}} \quad \begin{array}{l} x = \boxed{\phantom{00}} \\ x = \boxed{\phantom{00}} \end{array}$$

c)  $-x^2 + x + 6 = 0$

$$\left. \begin{array}{l} a = \boxed{\phantom{00}} \\ b = \boxed{\phantom{00}} \\ c = \boxed{\phantom{00}} \end{array} \right\} \rightarrow x = \frac{- \boxed{\phantom{00}} \pm \sqrt{\boxed{\phantom{00}}^2 - 4 \cdot (\boxed{\phantom{00}}) \cdot \boxed{\phantom{00}}}}{2 \cdot (\boxed{\phantom{00}})} = \boxed{\phantom{00}} \pm \boxed{\phantom{00}} \quad \begin{array}{l} x = \boxed{\phantom{00}} \\ x = \boxed{\phantom{00}} \end{array}$$

d)  $2x^2 - 7x - 4 = 0$

$$\left. \begin{array}{l} a = \boxed{\phantom{00}} \\ b = \boxed{\phantom{00}} \\ c = \boxed{\phantom{00}} \end{array} \right\} \rightarrow x = \frac{- (\boxed{\phantom{00}}) \pm \sqrt{(\boxed{\phantom{00}})^2 - 4 \cdot \boxed{\phantom{00}} \cdot (\boxed{\phantom{00}})}}{2 \cdot \boxed{\phantom{00}}} = \boxed{\phantom{00}} \pm \boxed{\phantom{00}} \quad \begin{array}{l} x = \boxed{\phantom{00}} \\ x = \boxed{\phantom{00}} \end{array}$$