

Ecuaciones I

Resuelvo las siguientes ecuaciones utilizando aspa simple:

1. $x^2 - 5x - 14 = 0$

$$x^2 \boxed{-5x} - 14 = 0$$

$$\begin{array}{r} x \quad \quad -7 \quad -7x \\ x \quad \quad +2 \quad \underline{+2x} \\ \quad \quad \quad -5x \end{array}$$

$$(x - 7)(x + 2) = 0$$

$$x_1 = 7 \quad x_2 = -2$$

 **LIVEWORKSHEETS**

2. $x^2 + 7x + 12 = 0$

$$x^2 + 7x + 12 = 0$$

$$\begin{array}{r} x \quad \quad +4 \quad +4x \\ x \quad \quad \quad \quad \underline{\quad} \end{array}$$

$$(\quad)(\quad) = 0$$

$$x_1 =$$

$$x_2 =$$

3. $x^2 - 14x - 32 = 0$

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$$\begin{array}{r} x \quad \quad +2 \quad +2x \\ x \quad \quad \quad \quad \underline{\quad} \end{array}$$

$$(\quad)(\quad) = 0$$

$$x_1 =$$

$$x_2 =$$

 **LIVEWORKSHEETS**

4. $x^2 - 9x + 8 = 0$

$$x^2 - 9x + 8 = 0$$

$$\begin{array}{rcl} x & & -8 \\ x & & -8x \\ & & \underline{\hspace{1cm}} \end{array}$$

$$(\hspace{1cm})(\hspace{1cm}) = 0$$

$$x_1 =$$

$$x_2 =$$

5. $x^2 - 6x - 27 = 0$

$$x^2 - 6x - 27 = 0$$

$$\begin{array}{rcl} x & & -9 \\ x & & -9x \\ & & \underline{\hspace{1cm}} \end{array}$$

$$(\hspace{1cm})(\hspace{1cm}) = 0$$

$$x_1 =$$

$$x_2 =$$

 **LIVEWORKSHEETS**

6. $6x^2 - 7x + 2 = 0$

$$6x^2 - 7x + 2 = 0$$

$$\begin{array}{rcl} 3x & & -2 \\ x & & -4x \\ & & \underline{\hspace{1cm}} \end{array}$$

$$(\hspace{1cm})(\hspace{1cm}) = 0$$

$$x_1 =$$

$$x_2 =$$

7. $2x^2 - 11x + 12 = 0$

$$2x^2 - 11x + 12 = 0$$

$$\begin{array}{rcl} 2x & & -4 \\ x & & -8x \\ & & \underline{\hspace{1cm}} \end{array}$$

$$(\hspace{1cm})(\hspace{1cm}) = 0$$

$$x_1 =$$

$$x_2 =$$

 **LIVEWORKSHEETS**