

Enunciados

Resuelve las siguientes ecuaciones. Da el resultado del modo más sencillo que sea posible (número entero o fracción irreducible).

① $7x^2 - 4x = 0$

② $8x^2 + 3x = 0$

③ $x^2 - 9x = 0$

④ $x^2 + 11x = 0$

⑤ $8x^2 - x = 0$

⑥ $17x^2 + x = 0$

⑦ $x^2 - x = 0$

⑧ $-x^2 + 8x = 0$

⑨ $-12x^2 + 11x = 0$

⑩ $15x^2 + 7x = 0$

⑪ $x^2 - 14x = 0$

⑫ $7x^2 - x = 0$

⑬ $-3x^2 + 4x = 0$

⑭ $x^2 + x = 0$

⑮ $9x^2 - 7x = 0$

Soluciones

$$\textcircled{1} \quad x = \begin{pmatrix} 0 \\ 4 \\ 7 \end{pmatrix}$$

$$\textcircled{2} \quad x = \begin{pmatrix} 0 \\ -3 \\ 8 \end{pmatrix}$$

$$\textcircled{3} \quad x = \begin{pmatrix} 0 \\ 9 \end{pmatrix}$$

$$\textcircled{4} \quad x = \begin{pmatrix} 0 \\ -11 \end{pmatrix}$$

$$\textcircled{5} \quad x = \begin{pmatrix} 0 \\ 1 \\ 8 \end{pmatrix}$$

$$\textcircled{6} \quad x = \begin{pmatrix} 0 \\ 1 \\ 17 \end{pmatrix}$$

$$\textcircled{7} \quad x = \begin{pmatrix} 0 \\ 1 \end{pmatrix}$$

$$\textcircled{8} \quad x = \begin{pmatrix} 0 \\ 8 \end{pmatrix}$$

$$\textcircled{9} \quad x = \begin{pmatrix} 0 \\ 11 \\ 12 \end{pmatrix}$$

$$\textcircled{10} \quad x = \begin{pmatrix} 0 \\ 7 \\ 15 \end{pmatrix}$$

$$\textcircled{11} \quad x = \begin{pmatrix} 0 \\ 14 \end{pmatrix}$$

$$\textcircled{12} \quad x = \begin{pmatrix} 0 \\ 1 \\ 7 \end{pmatrix}$$

$$\textcircled{13} \quad x = \begin{pmatrix} 0 \\ 4 \\ 3 \end{pmatrix}$$

$$\textcircled{14} \quad x = \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

$$\textcircled{15} \quad x = \begin{pmatrix} 0 \\ 7 \\ 9 \end{pmatrix}$$