

Enunciados

Resuelve las siguientes ecuaciones. Si la solución no es un número entero, escríbela con cinco cifras significativas.

① $13x^2 - 29 = 0$

② $13x^2 - 29x = 0$

③ $29x^2 - 13 = 0$

④ $29x^2 - 13x = 0$

⑤ $x^2 - 173 = 0$

⑥ $x^2 - 72x = 0$

⑦ $1,3x^2 - 0,53 = 0$

⑧ $-17x^2 + 15 = 0$

⑨ $919x^2 + 7x = 0$

⑩ $-x^2 + 18x = 0$

⑪ $13x^2 - 1 = 0$

⑫ $19x^2 - 1823 = 0$

⑬ $31x^2 - 3x = 0$

⑭ $35x^2 + 31x = 0$

⑮ $19x^2 - 191 = 0$

⑯ $11x^2 - 121 = 0$

⑰ $13x^2 + 101x = 0$

⑱ $41x^2 - 2 = 0$

⑲ $37x^2 - 41x = 0$

⑳ $0,07x^2 - 19x = 0$

㉑ $19x^2 - 20 = 0$

㉒ $8,3x^2 + 1,15x = 0$

㉓ $0,97x^2 - 100 = 0$

㉔ $-19x^2 - 16x = 0$

㉕ $103x^2 - 51 = 0$

㉖ $51x^2 - 103x = 0$

Soluciones

$$\textcircled{1} \quad x = \begin{pmatrix} 1,4936 \\ -1,4936 \end{pmatrix}$$

$$\textcircled{2} \quad x = \begin{pmatrix} 0 \\ 2,2308 \end{pmatrix}$$

$$\textcircled{3} \quad x = \begin{pmatrix} 0,66953 \\ -0,66953 \end{pmatrix}$$

$$\textcircled{4} \quad x = \begin{pmatrix} 0 \\ 0,44828 \end{pmatrix}$$

$$\textcircled{5} \quad x = \begin{pmatrix} 13,153 \\ -13,153 \end{pmatrix}$$

$$\textcircled{6} \quad x = \begin{pmatrix} 0 \\ 72 \end{pmatrix}$$

$$\textcircled{7} \quad x = \begin{pmatrix} 0,63851 \\ -0,63851 \end{pmatrix}$$

$$\textcircled{8} \quad x = \begin{pmatrix} 0,93934 \\ -0,93934 \end{pmatrix}$$

$$\textcircled{9} \quad x = \begin{pmatrix} 0 \\ -0,0076170 \end{pmatrix}$$

$$\textcircled{10} \quad x = \begin{pmatrix} 0 \\ 18 \end{pmatrix}$$

$$\textcircled{11} \quad x = \begin{pmatrix} 0,27735 \\ -0,27735 \end{pmatrix}$$

$$\textcircled{12} \quad x = \begin{pmatrix} 9,7953 \\ -9,7953 \end{pmatrix}$$

$$\textcircled{13} \quad x = \begin{pmatrix} 0 \\ 0,096774 \end{pmatrix}$$

$$\textcircled{14} \quad x = \begin{pmatrix} 0 \\ -0,88571 \end{pmatrix}$$

$$\textcircled{15} \quad x = \begin{pmatrix} 3,1706 \\ -3,1706 \end{pmatrix}$$

$$\textcircled{16} \quad x = \begin{pmatrix} 11 \\ -11 \end{pmatrix}$$

$$\textcircled{17} \quad x = \begin{pmatrix} 0 \\ -7,7692 \end{pmatrix}$$

$$\textcircled{18} \quad x = \begin{pmatrix} 0,22086 \\ -0,22086 \end{pmatrix}$$

$$\textcircled{19} \quad x = \begin{pmatrix} 0 \\ 1,1081 \end{pmatrix}$$

$$\textcircled{20} \quad x = \begin{pmatrix} 0 \\ 271,43 \end{pmatrix}$$

$$\textcircled{21} \quad x = \begin{pmatrix} 1,0260 \\ -1,0260 \end{pmatrix}$$

$$\textcircled{22} \quad x = \begin{pmatrix} 0 \\ -0,13855 \end{pmatrix}$$

$$\textcircled{23} \quad x = \begin{pmatrix} 10,153 \\ -10,153 \end{pmatrix}$$

$$\textcircled{24} \quad x = \begin{pmatrix} 0 \\ -0,84211 \end{pmatrix}$$

$$\textcircled{25} \quad x = \begin{pmatrix} 0,70367 \\ -0,70367 \end{pmatrix}$$

$$\textcircled{26} \quad x = \begin{pmatrix} 0 \\ 2,0196 \end{pmatrix}$$