

Enunciados

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

- ① $2x^2 - 5x - 4 = 0$
- ② $3x^2 + 8x + 2 = 0$
- ③ $169x^2 - 26x + 1 = 0$
- ④ $x^2 + 11x - 2 = 0$
- ⑤ $x^2 - 13x + 4 = 0$
- ⑥ $x^2 + 30x + 225 = 0$
- ⑦ $3x^2 + 7x + 1 = 0$
- ⑧ $5x^2 - 10x + 4 = 0$
- ⑨ $2x^2 + 13x + 7 = 0$
- ⑩ $-5x^2 + 8x + 2 = 0$
- ⑪ $-x^2 + 6x + 2 = 0$
- ⑫ $2x^2 + 7x + 1 = 0$
- ⑬ $2x^2 - 6x + 1 = 0$
- ⑭ $13x^2 + 19x + 2 = 0$
- ⑮ $17x^2 - 13x + 2 = 0$
- ⑯ $289x^2 + 714x + 441 = 0$
- ⑰ $-19x^2 + 7x + 2 = 0$
- ⑱ $529x^2 - 46x + 1 = 0$
- ⑲ $7x^2 + 6x + 1 = 0$
- ⑳ $9x^2 - 13x + 2 = 0$
- ㉑ $-x^2 + 19x + 3 = 0$
- ㉒ $17x^2 + 23x + 5 = 0$
- ㉓ $19x^2 - 31x + 3 = 0$
- ㉔ $5x^2 + 13x - 1 = 0$
- ㉕ $x^2 + 2x - 19 = 0$
- ㉖ $x^2 - 104x + 15 = 0$

Soluciones

$$\textcircled{1} \quad x = \begin{cases} 3,1375 \\ -0,63746 \end{cases}$$

$$\textcircled{2} \quad x = \begin{cases} -0,27924 \\ -2,3874 \end{cases}$$

$$\textcircled{3} \quad x = 0,076923$$

$$\textcircled{4} \quad x = \begin{cases} 0,17891 \\ -11,179 \end{cases}$$

$$\textcircled{5} \quad x = \begin{cases} 12,685 \\ 0,31534 \end{cases}$$

$$\textcircled{6} \quad x = -15$$

$$\textcircled{7} \quad x = \begin{cases} -0,15287 \\ -2,1805 \end{cases}$$

$$\textcircled{8} \quad x = \begin{cases} 1,4472 \\ 0,55279 \end{cases}$$

$$\textcircled{9} \quad x = \begin{cases} -0,59246 \\ -5,9075 \end{cases}$$

$$\textcircled{10} \quad x = \begin{cases} -0,21980 \\ 1,8198 \end{cases}$$

$$\textcircled{11} \quad x = \begin{cases} -0,41662 \\ 6,3166 \end{cases}$$

$$\textcircled{12} \quad x = \begin{cases} -0,14922 \\ -3,3508 \end{cases}$$

$$\textcircled{13} \quad x = \begin{cases} 2,8229 \\ 0,17712 \end{cases}$$

$$\textcircled{14} \quad x = \begin{cases} -0,11418 \\ -1,3474 \end{cases}$$

$$\textcircled{15} \quad x = \begin{cases} 0,55131 \\ 0,21340 \end{cases}$$

$$\textcircled{16} \quad x = -1,2353$$

$$\textcircled{17} \quad x = \begin{cases} -0,18888 \\ 0,55730 \end{cases}$$

$$\textcircled{27} \quad x = 0,043478$$

$$\textcircled{18} \quad x = \begin{cases} -0,22654 \\ -0,63060 \end{cases}$$

$$\textcircled{19} \quad x = \begin{cases} 1,2694 \\ 0,17506 \end{cases}$$

$$\textcircled{20} \quad x = \begin{cases} -0,15660 \\ 19,157 \end{cases}$$

$$\textcircled{21} \quad x = \begin{cases} -0,27213 \\ -1,0808 \end{cases}$$

$$\textcircled{22} \quad x = \begin{cases} 1,5283 \\ 0,10332 \end{cases}$$

$$\textcircled{23} \quad x = \begin{cases} 0,074773 \\ -2,6748 \end{cases}$$

$$\textcircled{24} \quad x = \begin{cases} 3,4721 \\ -5,4721 \end{cases}$$

$$\textcircled{25} \quad x = \begin{cases} 103,86 \\ 0,14443 \end{cases}$$