

1. Resolver las siguientes ecuaciones

1. $x^3 - 7x^2 + 7x + 15 = 0$

2. $x^3 - 2x^2 - x + 2 = 0$

3. $x^4 + x^3 - 16x^2 - 4x + 48 = 0$

4. $3x^4 - 2x^3 - 3x^2 + 2x = 0$

5. $x^3 - 2x^2 - 5x + 6 = 0$

6. $4x^3 + 4x^2 - x - 1 = 0$

7. $6x^4 + x^3 - 7x^2 - x + 1 = 0$

8. $4x^4 - x^3 - 28x^2 + 31x - 6 = 0$

9. $(4x^2 - 9)(9x^2 - 16) = 0$

10. $x^3 - 4x = 0$

11. $x^4 - 11x^3 + 41x^2 - 61x + 30 = 0$

12. $12x^3 - x^2 - x = 0$

Soluciones: 1. $-1, 3, 5$ 2. $-1, 1, 2$ 3. $-2, 2, 3, -4$ 4. $0, -1, 1, 2/3$ 5. $1, -2, 3$
6. $-1, -1/2, 1/2$ 7. $-1, 1, -1/2, 1/3$ 8. $-3, 1, 2, 5/2$ 9. $3/2, -3/2, 4/3, -4/3$
10. $0, 4$ 11. $1, 2, 3, 5$ 12. $0, 1/3, -1/4$