

ECUACIONES DE SEGUNDO GRADO INCOMPLETAS CON SOLUCIÓN

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|----------------------|---------------------------|--|---------------------------|
| 1) $x^2 - 5x = 0$ | (Sol: $x_1=0, x_2=5$) | | |
| 2) $x^2 - 16 = 0$ | (Sol: $x=\pm 4$) | 20) $x^2 + 16 = 0$ | (Sol: $\nexists$ soluc.) |
| 3) $x^2 + 8x = 0$ | (Sol: $x_1=0, x_2=-8$) | 21) $25x^2 - 9 = 0$ | (Sol: $x=\pm 3/5$) |
| 4) $x^2 - 49 = 0$ | (Sol: $x=\pm 7$) | 22) $x^2 - 8 = 0$ | (Sol: $x=\pm 2\sqrt{2}$) |
| 5) $x^2 + 49 = 0$ | (Sol: $\nexists$ soluc.) | 23) $4 - 25x^2 = 0$ | (Sol: $x=\pm 2/5$) |
| 6) $3x^2 - 9x = 0$ | (Sol: $x_1=0, x_2=3$) | 24) $2x^2 - 8 = 0$ | (Sol: $x=\pm 2$) |
| 7) $2x^2 - 18 = 0$ | (Sol: $x=\pm 3$) | 25) $-x^2 - x = 0$ | (Sol: $x_1=0, x_2=-1$) |
| 8) $5x^2 + x = 0$ | (Sol: $x_1=0, x_2=-1/5$) | 26) $16x + 4x^2 = 0$ | (Sol: $x_1=0, x_2=-4$) |
| 9) $x^2 - 3 = 0$ | (Sol: $x=\pm\sqrt{3}$) | 27) $(x+1)(x-1)=2(x^2-13)$ | (Sol: $x=\pm 5$) |
| 10) $x^2 = x$ | (Sol: $x_1=0, x_2=1$) | 28) $\frac{x}{2} + 2x^2 = -x(x-1)$ | (Sol: $x_1=0, x_2=1/6$) |
| 11) $x^2 + x = 0$ | (Sol: $x_1=0, x_2=-1$) | 29) $x(x-1) - 2x = -6x$ | (Sol: $x_1=0, x_2=-3$) |
| 12) $4x^2 - 1 = 0$ | (Sol: $x=\pm 1/2$) | 30) $\frac{1}{x} = \frac{1}{x^2}$ | (Sol: $x=1$) |
| 13) $-x^2 + 12x = 0$ | (Sol: $x_1=0, x_2=12$) | 31) $(3x+2)(3x-2) = (x+2)^2 - 4x$ | (Sol: $x=\pm 1$) |
| 14) $x^2 = 10x$ | (Sol: $x_1=0, x_2=10$) | 32) $(2x+1)^2 - (2x+1)(2x-1) = x^2 + 4x + 1$ | (Sol: $x=\pm 1$) |
| 15) $9x^2 - 4 = 0$ | (Sol: $x=\pm 2/3$) | 33) $(3x+2)(3x-2) - (2x-3)^2 = 17x - 13$ | ($x_1=0, x_2=1$) |
| 16) $3x^2 - 11x = 0$ | (Sol: $x_1=0, x_2=11/3$) | 34) $2x - 9 - (2x+3)(2x-3) = x^2 + 2x - 25$ | ($x=\pm\sqrt{5}$) |
| 17) $x(x+2) = 0$ | (Sol: $x_1=0, x_2=-2$) | 35) $-x^2 + 9 = x^2 - 9$ | (Sol: $x=\pm 3$) |
| 18) $4x^2 - 9x = 0$ | ($x_1=0, x_2=9/4$) | | |
| 19) $4x^2 - 9 = 0$ | (Sol: $x=\pm 3/2$) | | |