

Ecuaciones de 2º grado: 100 Ejercicios (con solución)

1	$-3x^2 = 0$	$x_1 = 0 \quad x_2 = 0$
2	$-4x^2 + 4x = 0$	$x_1 = 0 \quad x_2 = 1$
3	$-3x^2 + 3x = 0$	$x_1 = 0 \quad x_2 = 1$
4	$3x^2 + 3x = 0$	$x_1 = 0 \quad x_2 = -1$
5	$4x^2 + 4x = 0$	$x_1 = 0 \quad x_2 = -1$
6	$-4x^2 - 8x - 4 = 0$	$x_1 = -1 \quad x_2 = -1$
7	$-4x^2 + 8x = 0$	$x_1 = 0 \quad x_2 = 2$
8	$-3x^2 - 6x = 0$	$x_1 = -2 \quad x_2 = 0$
9	$-3x^2 + 6x - 3 = 0$	$x_1 = 1 \quad x_2 = 1$
10	$-2x^2 + 2 = 0$	$x_1 = -1 \quad x_2 = 1$
11	$-2x^2 + 4x = 0$	$x_1 = 0 \quad x_2 = 2$
12	$3x^2 + 6x = 0$	$x_1 = 0 \quad x_2 = -2$
13	$4x^2 - 4 = 0$	$x_1 = 1 \quad x_2 = -1$
14	$-5x^2 - 15x - 10 = 0$	$x_1 = -2 \quad x_2 = -1$
15	$-5x^2 - 15x = 0$	$x_1 = -3 \quad x_2 = 0$
16	$-4x^2 - 12x - 8 = 0$	$x_1 = -2 \quad x_2 = -1$
17	$-4x^2 + 12x = 0$	$x_1 = 0 \quad x_2 = 3$
18	$-3x^2 + 3x + 6 = 0$	$x_1 = -1 \quad x_2 = 2$
19	$-2x^2 - 2x + 4 = 0$	$x_1 = -2 \quad x_2 = 1$
20	$-2x^2 + 6x - 4 = 0$	$x_1 = 1 \quad x_2 = 2$
21	$2x^2 + 2x - 4 = 0$	$x_1 = 1 \quad x_2 = -2$
22	$3x^2 + 9x = 0$	$x_1 = 0 \quad x_2 = -3$
23	$4x^2 - 12x = 0$	$x_1 = 3 \quad x_2 = 0$
24	$4x^2 - 12x + 8 = 0$	$x_1 = 2 \quad x_2 = 1$
25	$5x^2 - 5x - 10 = 0$	$x_1 = 2 \quad x_2 = -1$

26	$-5x^2 + 20 = 0$	$x_1 = -2 \quad x_2 = 2$
27	$-5x^2 + 20 = 0$	$x_1 = -2 \quad x_2 = 2$
28	$-5x^2 + 10x + 15 = 0$	$x_1 = -1 \quad x_2 = 3$
29	$-4x^2 - 8x + 12 = 0$	$x_1 = -3 \quad x_2 = 1$
30	$-4x^2 + 16x - 16 = 0$	$x_1 = 2 \quad x_2 = 2$
31	$-3x^2 - 12x - 9 = 0$	$x_1 = -3 \quad x_2 = -1$
32	$-3x^2 - 6x + 9 = 0$	$x_1 = -3 \quad x_2 = 1$
33	$-3x^2 + 12x = 0$	$x_1 = 0 \quad x_2 = 4$
34	$-2x^2 - 8x - 8 = 0$	$x_1 = -2 \quad x_2 = -2$
35	$-2x^2 - 8x - 6 = 0$	$x_1 = -3 \quad x_2 = -1$
36	$-2x^2 + 8x = 0$	$x_1 = 0 \quad x_2 = 4$
37	$2x^2 - 8x + 6 = 0$	$x_1 = 3 \quad x_2 = 1$
38	$4x^2 - 16x + 12 = 0$	$x_1 = 3 \quad x_2 = 1$
39	$5x^2 - 10x - 15 = 0$	$x_1 = 3 \quad x_2 = -1$
40	$5x^2 + 20x = 0$	$x_1 = 0 \quad x_2 = -4$
41	$5x^2 + 20x = 0$	$x_1 = 0 \quad x_2 = -4$
42	$-5x^2 - 25x = 0$	$x_1 = -5 \quad x_2 = 0$
43	$-5x^2 - 15x + 20 = 0$	$x_1 = -4 \quad x_2 = 1$
44	$-4x^2 - 20x - 24 = 0$	$x_1 = -3 \quad x_2 = -2$
45	$-4x^2 - 12x + 16 = 0$	$x_1 = -4 \quad x_2 = 1$
46	$-4x^2 + 20x = 0$	$x_1 = 0 \quad x_2 = 5$
47	$-3x^2 - 15x - 12 = 0$	$x_1 = -4 \quad x_2 = -1$
48	$-3x^2 + 9x + 12 = 0$	$x_1 = -1 \quad x_2 = 4$
49	$-3x^2 + 9x + 12 = 0$	$x_1 = -1 \quad x_2 = 4$
50	$-3x^2 + 15x - 12 = 0$	$x_1 = 1 \quad x_2 = 4$

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51	$-2x^2 - 2x + 12 = 0$	$x_1 = -3 \quad x_2 = 2$
52	$-2x^2 + 10x - 12 = 0$	$x_1 = 2 \quad x_2 = 3$
53	$-2x^2 + 10x = 0$	$x_1 = 0 \quad x_2 = 5$
54	$x^2 - 5x + 4 = 0$	$x_1 = 4 \quad x_2 = 1$
55	$2x^2 - 2x - 12 = 0$	$x_1 = 3 \quad x_2 = -2$
56	$3x^2 - 15x + 18 = 0$	$x_1 = 3 \quad x_2 = 2$
57	$3x^2 - 3x - 18 = 0$	$x_1 = 3 \quad x_2 = -2$
58	$3x^2 + 15x + 12 = 0$	$x_1 = -1 \quad x_2 = -4$
59	$4x^2 + 20x + 24 = 0$	$x_1 = -2 \quad x_2 = -3$
60	$5x^2 + 5x - 30 = 0$	$x_1 = 2 \quad x_2 = -3$
61	$5x^2 + 25x = 0$	$x_1 = 0 \quad x_2 = -5$
62	$-5x^2 - 30x = 0$	$x_1 = -6 \quad x_2 = 0$
63	$-5x^2 + 45 = 0$	$x_1 = -3 \quad x_2 = 3$
64	$-5x^2 + 20x + 25 = 0$	$x_1 = -1 \quad x_2 = 5$
65	$-4x^2 - 24x - 32 = 0$	$x_1 = -4 \quad x_2 = -2$
66	$-4x^2 - 16x + 20 = 0$	$x_1 = -5 \quad x_2 = 1$
67	$-4x^2 - 16x + 20 = 0$	$x_1 = -5 \quad x_2 = 1$
68	$-4x^2 + 16x + 20 = 0$	$x_1 = -1 \quad x_2 = 5$
69	$-3x^2 - 18x - 24 = 0$	$x_1 = -4 \quad x_2 = -2$
70	$-3x^2 - 6x + 24 = 0$	$x_1 = -4 \quad x_2 = 2$
71	$-3x^2 + 18x - 27 = 0$	$x_1 = 3 \quad x_2 = 3$
72	$-3x^2 + 18x - 15 = 0$	$x_1 = 1 \quad x_2 = 5$
73	$-3x^2 + 18x = 0$	$x_1 = 0 \quad x_2 = 6$
74	$-2x^2 - 12x - 18 = 0$	$x_1 = -3 \quad x_2 = -3$
75	$-2x^2 + 4x + 16 = 0$	$x_1 = -2 \quad x_2 = 4$

76	$-2x^2 + 12x - 16 = 0$	$x_1 = 2 \quad x_2 = 4$
77	$x^2 - 6x + 5 = 0$	$x_1 = 5 \quad x_2 = 1$
78	$x^2 - 6x + 8 = 0$	$x_1 = 4 \quad x_2 = 2$
79	$2x^2 + 12x = 0$	$x_1 = 0 \quad x_2 = -6$
80	$3x^2 + 6x - 24 = 0$	$x_1 = 2 \quad x_2 = -4$
81	$4x^2 - 24x = 0$	$x_1 = 6 \quad x_2 = 0$
82	$4x^2 - 8x - 32 = 0$	$x_1 = 4 \quad x_2 = -2$
83	$4x^2 - 36 = 0$	$x_1 = 3 \quad x_2 = -3$
84	$5x^2 + 30x + 25 = 0$	$x_1 = -1 \quad x_2 = -5$
85	$5x^2 + 30x + 25 = 0$	$x_1 = -1 \quad x_2 = -5$
86	$-5x^2 - 35x = 0$	$x_1 = -7 \quad x_2 = 0$
87	$-5x^2 + 5x + 60 = 0$	$x_1 = -3 \quad x_2 = 4$
88	$-5x^2 + 25x + 30 = 0$	$x_1 = -1 \quad x_2 = 6$
89	$-4x^2 - 28x - 48 = 0$	$x_1 = -4 \quad x_2 = -3$
90	$-4x^2 - 28x - 24 = 0$	$x_1 = -6 \quad x_2 = -1$
91	$-4x^2 - 20x + 24 = 0$	$x_1 = -6 \quad x_2 = 1$
92	$-4x^2 - 12x + 40 = 0$	$x_1 = -5 \quad x_2 = 2$
93	$-4x^2 - 4x + 48 = 0$	$x_1 = -4 \quad x_2 = 3$
94	$-4x^2 + 12x + 40 = 0$	$x_1 = -2 \quad x_2 = 5$
95	$-4x^2 + 20x + 24 = 0$	$x_1 = -1 \quad x_2 = 6$
96	$-4x^2 + 28x - 24 = 0$	$x_1 = 1 \quad x_2 = 6$
97	$-3x^2 - 21x - 36 = 0$	$x_1 = -4 \quad x_2 = -3$
98	$-3x^2 + 3x + 36 = 0$	$x_1 = -3 \quad x_2 = 4$
99	$-3x^2 + 21x - 18 = 0$	$x_1 = 1 \quad x_2 = 6$
100	$-2x^2 - 14x - 20 = 0$	$x_1 = -5 \quad x_2 = -2$