

## ECUACIONES DE PRIMER GRADO

Resuelve las siguientes ecuaciones de primer grado con una incógnita

1.  $2x - 34 = 120$
2.  $9x + 8 = 7x + 16$
3.  $4x + 5 = 3x + 12$
4.  $7x + 9 = 57 + x$
5.  $5x - 13 = 2x - 4$
6.  $x + 17 = 3x + 1$
7.  $6x + 160 = 40 + 8x$
8.  $9 + 9x = 117 - 3x$
9.  $2x + 1 = 3x - 2$
10.  $25 - 2x = 3x - 35$
11.  $4x + 17 = 3x + 24$
12.  $7x - 3 = 21x - 9$
13.  $1 + 8x = -64x + 46$
14.  $5x - 11 = 15x - 33$
15.  $15x - 60 = -12x - 54$
16.  $2x + 17 = 3x + 2$
17.  $60 - 5x = x - 12$
18.  $70 - 3x = 14 + x$
19.  $100 - 3x = 5x - 28$
20.  $10x - 17 = 4x + 85$
21.  $3x + 1 = 7x - 11$
22.  $47 - 2x = 5 + 12x$
23.  $10 - 9x = -7x + 21$
24.  $11x - 100 = 2x - 1$
25.  $25 - 2x = 3x - 80$
26.  $100 - 5x = 4x - 71$
27.  $19 + 8x = 12x + 14$
28.  $21y - 3 = 10y + 195$
29.  $2 - 6x = 36x - 5$
30.  $4 - 24x + 500 = -3x$

31.  $x - 5(x - 2) = 6x$
32.  $3x + 7 = 2(x + 8)$
33.  $5x = 8(5x - 3) - 4$
34.  $2(x - 6) = 3x - 19$
35.  $5 + 5(x - 13) = x$
36.  $x - 2 = -3(4 - 2x)$
37.  $2(9x - 49) = 15x + 10$
38.  $120 = 2x - (15 - 7x)$
39.  $60x + 1 = 3(3 + x)$
40.  $15(x - 1) + 20(x + 1) = 75$
41.  $4x + 7(2x - 1) = x + 163$
42.  $3 - 4x(25 - 2x) = 8x^2 + x - 300$
43.  $14x + 3(8x - 3) - 295 = 0$
44.  $5[2x - 4(25 - 2x)] = -10x + 20$
45.  $3x - 4(x - 2) = x - 10$
46.  $5x - 3(x + 5) = 3x + 10$
47.  $7(x - 18) = 3(x - 14)$
48.  $5(x + 4) = 7x - 2$
49.  $38 + 7(x - 3) = 9(x + 1)$
50.  $3(3 + 4x) = 4x + 15$
51.  $104 - 9x = 4(5x - 3)$
52.  $x + 3 = 11(2x - 15)$
53.  $15x = 7(2 + 9x) - 30$
54.  $5(3x + 2) = 8(9 - 2x)$
55.  $x - 13 = 4[3x - 4(x - 2)]$
56.  $9(13 - x) - 4x = 5(21 - 2x) + 9x$