

**Ecuaciones de 1<sup>ER</sup> grado: 120 Ejercicios (con solución)**

1	$x-15 = -27$	$x = -12$
2	$-11x+12 = 144$	$x = -12$
3	$-8x-15 = -111$	$x = 12$
4	$6x-10 = -16$	$x = -1$
5	$-15x-6 = 9$	$x = -1$
6	$12x+12 = 72$	$x = 5$
7	$-10x+9 = -81$	$x = 9$
8	$5x-15 = 15$	$x = 6$
9	$2x-13 = -19$	$x = -3$
10	$7x+5 = -100$	$x = -15$
11	$-12x-15 = 9$	$x = -2$
12	$5x-14 = -74$	$x = -12$
13	$13x-13 = 169$	$x = 14$
14	$x-3 = -13$	$x = -10$
15	$6x+10 = -38$	$x = -8$
16	$6x-9 = -27$	$x = -3$
17	$-3x+3 = -33$	$x = 12$
18	$-4x+8 = 4$	$x = 1$
19	$-14x-7 = 77$	$x = -6$
20	$8x-5 = -109$	$x = -13$
21	$2x+6 = -12$	$x = -9$
22	$-13x-6 = -97$	$x = 7$
23	$-12x-14 = -14$	$x = 0$
24	$8x+14 = -2$	$x = -2$
25	$-12x+14 = 98$	$x = -7$

26	$4x+11 = -29$	$x = -10$
27	$-10x+5 = 35$	$x = -3$
28	$14x+13 = -71$	$x = -6$
29	$-4x+9 = 33$	$x = -6$
30	$x-8 = -17$	$x = -9$
31	$-3x+3 = -30$	$x = 11$
32	$11x+3 = 58$	$x = 5$
33	$x-15 = -5$	$x = 10$
34	$-5x-8 = -3$	$x = -1$
35	$-2x+13 = -11$	$x = 12$
36	$8x+12 = -12$	$x = -3$
37	$9x-9 = -72$	$x = -7$
38	$-9x+13 = 94$	$x = -9$
39	$x+14 = 17$	$x = 3$
40	$3x-13 = -1$	$x = 4$
41	$-13x-7 = 3x+233$	$x = -15$
42	$13x+8 = -14x-343$	$x = -13$
43	$12x+1 = -15x-404$	$x = -15$
44	$-5x+9 = 12x+179$	$x = -10$
45	$-x+15 = 5x+15$	$x = 0$
46	$-6x-10 = 4x+80$	$x = -9$
47	$7x+10 = -7x+94$	$x = 6$
48	$-14x-12 = 12x+92$	$x = -4$
49	$6x-7 = -8x-105$	$x = -7$
50	$-12x+10 = 10x-166$	$x = 8$

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51	$-9x+2 = 2x+167$	$x = -15$
52	$x-15 = 6x-40$	$x = 5$
53	$-7x+5 = 14x+194$	$x = -9$
54	$-12x+2 = 2x-166$	$x = 12$
55	$3x+8 = -12x-67$	$x = -5$
56	$11x+8 = 4x+36$	$x = 4$
57	$-10x-15 = -x-60$	$x = 5$
58	$-12x+14 = 12x-82$	$x = 4$
59	$x-15 = 8x+6$	$x = -3$
60	$-10x-13 = -14x+7$	$x = 5$
61	$4x+11 = -2x-49$	$x = -10$
62	$10x+8 = -6x-56$	$x = -4$
63	$5x-15 = 6x-7$	$x = -8$
64	$2x+2 = 3x-10$	$x = 12$
65	$-x+14 = 10x+124$	$x = -10$
66	$-7x+15 = 12x+91$	$x = -4$
67	$4x-9 = 10x-3$	$x = -1$
68	$-11x+8 = -12x+2$	$x = -6$
69	$-4x-6 = 2x+6$	$x = -2$
70	$-3x+8 = 13x-8$	$x = 1$
71	$-4x+5 = 2x+11$	$x = -1$
72	$-2x+13 = -4x-17$	$x = -15$
73	$12x-13 = 10x-5$	$x = 4$
74	$7x+15 = 3x-41$	$x = -14$
75	$-14x-14 = 12x-40$	$x = 1$

76	$-2x+5 = 5x-58$	$x = 9$
77	$5x+12 = -3x-60$	$x = -9$
78	$-2x-6 = 8x-76$	$x = 7$
79	$5x+3 = -6x-162$	$x = -15$
80	$-11x-11 = -8x-2$	$x = -3$
81	$99(-36x+90) = 81(81x+1110)$	$x = -8$
82	$168(-112x+42) = 196(-196x-864)$	$x = -9$
83	$91(-13x-13) = 169(-182x-532)$	$x = -3$
84	$-54(60x-78) = 36(-12x+585)$	$x = -6$
85	$108(108x-156) = 144(-36x+234)$	$x = 3$
86	$-7(-84x-77) = 49(-91x-916)$	$x = -9$
87	$40(-56x+52) = 16(-20x-230)$	$x = 3$
88	$8(-8x-48) = 64(8x+12)$	$x = -2$
89	$30(-60x-65) = 25(-65x-8)$	$x = -10$
90	$-33(24x-21) = 9(-12x+229)$	$x = -2$
91	$63(-72x-81) = 81(-54x-75)$	$x = 6$
92	$108(-12x+132) = 144(84x+564)$	$x = -5$
93	$64(-72x-80) = 64(112x-1552)$	$x = 8$
94	$15(30x-30) = 225(180x-536)$	$x = 3$
95	$-8(-32x-120) = 64(-120x-109)$	$x = -1$
96	$10(6x-20) = 4(24x-77)$	$x = 3$
97	$-121(-132x-110) = 121(-44x-770)$	$x = -5$
98	$12(12x-16) = 16(-20x-70)$	$x = -2$
99	$-15(-18x+21) = 9(-3x+229)$	$x = 8$
100	$6(11x-11) = 1(6x+54)$	$x = 2$

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101	$66(-90x-90) = 36(60x+60)$	$x = -1$
102	$25(20x+40) = 25(35x+100)$	$x = -4$
103	$70(-50x-35) = 25(-35x+1162)$	$x = -12$
104	$-50(10x+70) = 100(10x+85)$	$x = -8$
105	$-168(-98x-42) = 196(112x-20)$	$x = 2$
106	$-117(-126x+81) = 81(108x-709)$	$x = -8$
107	$-28(56x+210) = 196(210x+188)$	$x = -1$
108	$-2(-4x+6) = 4(16x+109)$	$x = -8$
109	$182(169x-104) = 169(-182x-112)$	$x = 0$
110	$-168(112x-210) = 196(14x-1360)$	$x = 14$
111	$48(24x+28) = 16(52x+324)$	$x = 12$
112	$-48(-32x+16) = 16(44x+160)$	$x = 4$
113	$-32(-56x+120) = 64(-40x-1080)$	$x = -15$
114	$-50(-80x+10) = 100(100x+895)$	$x = -15$
115	$150(-80x+60) = 100(-10x+1410)$	$x = -12$
116	$-105(135x+135) = 225(135x+1521)$	$x = -8$
117	$-75(-75x+15) = 225(195x-685)$	$x = 4$
118	$35(7x-91) = 49(-49x-875)$	$x = -15$
119	$-180(-120x+150) = 225(180x+636)$	$x = -9$
120	$-72(8x-112) = 64(8x-61)$	$x = 11$