

## ECUACIONES DE GRADO UNO

### Ejercicios propuestos

1.  $x+2=4$

2.  $x - 4 = 12$

3.  $30x = 60$

4.  $3x = -4$

5.  $-2x = -14$

6.  $2x + 2 = 12$

7.  $9x - 4 = 14$

8.  $9x - 2 = 4 - 2$

9.  $16x + 3 - 4 - 2 = -4 - 2$

10.  $12x - 2 - 4 = -3 - 4 - 4$

11.  $4x - x + x = 3 + 10$

12.  $\frac{x}{3} + \frac{2}{7} = \frac{1}{3}$

13.  $\frac{x}{3} - \frac{1}{4} = 2$

14.  $\frac{3x}{2} + \frac{3}{4} = \frac{1}{2}$

15.  $\frac{5x}{6} - \frac{1}{7} = \frac{3}{3} - 5$

16.  $-\frac{11x}{2} + \frac{14}{6} - 1 = \frac{1}{4} + \frac{1}{8}$

17.  $\frac{3x}{2} + x - 2 = \frac{1}{4} + 2x$

18.  $-4(3-x) = -3$

19.  $-4(3-x) - (-3-5x) = -1+x$

20.  $-4(3-x) - (-3-5x) = 2(x-3x-1)$

21.  $\frac{x-1}{2} = \frac{x}{8}$

22.  $\frac{x+1}{3} + \frac{x+1}{6} = \frac{3}{2}$

23.  $\frac{3(x-4)}{2} + \frac{5(2x+1)}{3} = \frac{2x}{4}$

24.  $\frac{3(2x-4+x)}{2} - \frac{5(2x-1)}{3} = \frac{2(x-3)}{4}$

25.  $\frac{1}{x} = 2$

26.  $\frac{3}{2} = \frac{5}{7x}$

27.  $\frac{5}{2} = \frac{1}{7x} - 1$

28.  $\frac{5}{2} + 3 = \frac{1}{3x} - 2$

29.  $\frac{2x}{1-x} = \frac{3}{5}$

30.  $1 - \frac{1}{x} = 1$