

### COLECCIÓN DE ECUACIONES 3

1.  $S = \frac{bh}{2}$

2.  $x - 15 = 3(2x - 1) - (x + 4)$

3.  $\frac{9+x}{19-x} = \frac{2}{3}$

4.  $\frac{x}{4} + \frac{5}{2} = \frac{x}{6} - 5$

5.  $1 - \frac{x-5}{4} - \frac{x-3}{10} = -\frac{x+3}{8}$

6.  $2x^2 - 5x + 2 = 0$

7.  $3x^2 - 8x - 3 = 0$

8.  $4x^2 + 2x = 0$

9.  $(3x+2)(3x-2) = 77$

10.  $1 - 4x^2 = -8$

11.  $x^2 - 6 = 10$

12.  $(3x+2)(3x-2) = 77$

13.  $x^3 - 6x^2 + 9x = 0$

14.  $4x^4 - 17x^2 + 4 = 0$

15.  $x^4 - x^2 = 600$

16.  $x - \sqrt{169 - x} = 17$

17.  $\sqrt{2x-3} - \sqrt{x+7} = 4$

18.  $6x^3 + x^2 - 26x - 21 = 0$

19.  $x^4 - 2x^3 - 10x^2 + 4x + 16 = 0$

20. 
$$\left. \begin{array}{l} \frac{x}{3} + \frac{y}{2} = \frac{4}{3} \\ \frac{x}{y} - \frac{1}{2} = 0 \end{array} \right\}$$