

SOLUCIONES A LAS FICHAS QUE HEMOS REALIZADO EN CLASE: 1ºB - ESO**Ficha 1:**

$$2x - 3 + 4x = 2x + 7 - x$$

$$2x + 4x - 2x + x = 7 + 3$$

$$5x = 10$$

$$x = \frac{10}{5}$$

$$x = 2$$

$$2(x-1) + x = -(x+1) - 3$$

$$2x - 2 + x = -x - 1 - 3$$

$$2x + x + x = -1 - 3 + 2$$

$$4x = -2$$

$$x = \frac{-2}{4}$$

$$x = -\frac{1}{2}$$

$$-x + 3 - 2x = 4x + 5 - 1$$

$$-x - 2x - 4x = 5 - 1 - 3$$

$$-7x = 1$$

$$x = \frac{1}{-7}$$

$$x = -\frac{1}{7}$$

$$4(x-1) - 7 = 7 - (x+1) + 3$$

$$4x - 4 - 7 = 7 - x - 1 + 3$$

$$4x + x = 7 - 1 + 3 + 4 + 7$$

$$5x = 20$$

$$x = \frac{20}{5}$$

$$x = 4$$

Ficha 2:

$$3x - 2 + 2x = 4x - x + 3$$

$$3x + 2x - 4x + x = 3 + 2$$

$$2x = 5$$

$$x = \frac{5}{2}$$

$$-2(x-2) + (x-2) = 2x - 2$$

$$-2x + 4 + x - 2 = 2x - 2$$

$$-2x + x - 2x = -2 - 4 + 2$$

$$-3x = -4$$

$$x = \frac{-4}{-3}$$

$$x = \frac{4}{3}$$

$$\frac{3x}{2} - 2 = \frac{2x}{8} - 1$$

$$\frac{12x}{8} - \frac{16}{8} = \frac{2x}{8} - \frac{8}{8}$$

$$12x - 16 = 2x - 8$$

$$12x - 2x = -8 + 16$$

$$10x = 8$$

$$x = \frac{8}{10}$$

$$x = \frac{4}{5}$$

$$-2x - 2 + 3x = -2x + 2$$

$$-2x + 3x + 2x = 2 + 2$$

$$3x = 4$$

$$x = \frac{4}{3}$$

$$-3(x+2) - (x+2) = 2x - 3$$

$$-3x - 6 - x - 2 = 2x - 3$$

$$-3x - x - 2x = -3 + 6 + 2$$

$$-6x = 5$$

$$x = \frac{5}{-6}$$

$$x = -\frac{5}{6}$$

$$\frac{2x}{3} - 1 = 3 - \frac{2x}{6}$$

$$\frac{4x}{6} - \frac{6}{6} = \frac{18}{3} - \frac{2x}{6}$$

$$4x - 6 = 18 - 2x$$

$$4x + 2x = 18 + 6$$

$$6x = 24$$

$$x = \frac{24}{6}$$

$$x = 4$$

Ficha 3:

$$-2x - 3 + 3x = -x + 2$$

$$-2x + 3x + x = 2 + 3$$

$$2x = 5$$

$$x = \frac{5}{2}$$

$$-2(x-1) - (x+1) = 2x + 2$$

$$-2x + 2 - x - 1 = 2x + 2$$

$$-2x - x - 2x = 2 - 2 + 1$$

$$-5x = 1$$

$$x = \frac{1}{-5}$$

$$x = -\frac{1}{5}$$

$$\frac{3x}{2} + 1 = 2x$$

$$\frac{3x}{2} + \frac{2}{2} = \frac{4x}{2}$$

$$3x + 2 = 4x$$

$$3x - 4x = -2$$

$$-1x = -2$$

$$x = \frac{-2}{-1}$$

$$x = 2$$

$$4x - 2x - 4 = -2x + 1$$

$$4x - 2x + 2x = 1 + 4$$

$$4x = 5$$

$$x = \frac{5}{4}$$

$$-(x+1) - (2x+1) = -2x - 2$$

$$-x - 1 - 2x - 1 = -2x - 2$$

$$-x - 2x + 2x = -2 + 1 + 1$$

$$-x = 0$$

$$x = \frac{0}{-1}$$

$$x = 0$$

$$\frac{3x}{2} + 1 = 2x$$

$$\frac{3x}{2} + \frac{2}{2} = \frac{4x}{2}$$

$$3x + 2 = 4x$$

$$3x - 4x = -2$$

$$-1x = -2$$

$$x = \frac{-2}{-1}$$

$$x = 2$$