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$$39) \boxed{3(x-3)} - \boxed{2(x-5)} = 3 - \boxed{(x+1)}$$

$$3x - 9 - 2x + 10 = 3 - x - 1$$

$$3x - 2x + x = 3 - 1 + 9 - 10$$

$$\textcircled{2} x = 1$$

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

$$+ = +1$$

$$40) \boxed{2(x-1)} + \boxed{2(x+1)} = 5 + \boxed{1(1-x)}$$

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

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

$$5x = 6$$

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

$$41) \boxed{-2(x-1)} + \boxed{2(2x+2)} = x - 1$$

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

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

$$x = -7$$

$$42) \boxed{6 + 5(x-1)} = 2x - \boxed{(2+x)}$$

$$\boxed{6} + 5x - \boxed{5} = 2x - 2 - x$$

$$5x - 2x + x = -2 - 6 + 5$$

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

$$43) \quad 5(x-1) + 32 = 4x + 41$$

$$5x - 5 + 32 = 4x + 41$$

$$5x - 4x = 41 + 5 - 32$$

$$x = 14$$

$$44) \quad 3(x-7) = 5(x-2) - 4x$$

$$3x - 21 = 5x - 5 - 4x$$

$$3x - 5x + 4x = -5 + 21$$

$$2x = 16$$

$$x = \frac{16}{2}$$

$$x = 8$$

$$45) \quad -2x - 6 = 7(4x + 14)$$

$$-2x - 6 = 28x + 98$$

$$-2x - 28x = 98 + 6$$

$$-30x = 104$$

$$x = \frac{104}{-30} = -\frac{52}{15}$$

$$46) \quad x + 3 = 11(2x - 15)$$

$$x + 3 = 22x - 165$$

$$x - 22x = -165 - 3$$

$$-21x = -168$$

$$x = \frac{-168}{-21}$$

$$x = 8$$

$$47) \quad x + 2x + (2x - 15) = 85$$

+ = +1

$$x + 2x + 2x - 15 = 85$$

$$x + 2x + 2x = 85 + 15$$

$$5x = 100$$

$$x = \frac{100}{5}$$

$$x = 20$$

$$48) \quad 4x + 2(46 - x) = 136$$

$$4x + 92 - 2x = 136$$

$$4x - 2x = 136 - 92$$

$$2x = 44$$

$$x = \frac{44}{2}$$

← Calculator

$$x = 22$$

$$49) \quad 10(13 - x) + 15(2 - x) = 4 + x$$

$$130 - 10x + 30 - 15x = 4 + x$$

$$-10x - 15x - x = 4 - 130 - 30$$

$$-26x = -156$$

$$x = \frac{-156}{-26}$$

$$x = 6$$

$$50) \boxed{-(x+1)} - \boxed{(x-2)} + 1 = \boxed{-(x-3)}$$

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

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

$$\begin{aligned} -2x &= 1 \\ x &= \frac{1}{-2} \\ &\rightarrow -1 \end{aligned}$$

$$\boxed{x = -1}$$

$$51) \boxed{3(x-1)} - 2x = \boxed{5(x-1)} - 6x$$

$$3x - 3 - 2x = 5x - 5 - 6x$$

$$3x - 2x - 5x + 6x = -5 + 3$$

$$\begin{aligned} 2x &= -2 \\ x &= \frac{-2}{2} \\ &\rightarrow -1 \end{aligned}$$

Para el miércoles: de la 52 a la 56