

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

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

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

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

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

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

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

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

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

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

$$x = -1$$

$$52) \boxed{3(x-3)} = \boxed{5(x-1)} - 6x$$

$$3x - 9 = 5x - 5 - 6x$$

$$3x - 5x + 6x = -5 + 9$$

$$\textcircled{4}x = 4$$

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

$$x = 1$$

$$53) \boxed{3(5x+9)} - \boxed{3(x-7)} = \boxed{11(x-2)} + 7$$

$$15x + 27 - 3x + 21 = 11x - 22 + 7$$

$$15x - 3x - 11x = -22 + 7 - 27 - 21$$

$$x = -63$$

$$54) \boxed{5(x-3)} - x - 1 = 10 - \boxed{(x+1)}$$

$$5x - 15 - x - 1 = 10 - x - 1$$

$$5x - x + x = 10 - 1 + 15 + 1$$

$$5x = 25$$

$$55) 7x - 6 = x + 8 + \boxed{5(x+1)}$$

$$7x - 6 = x + 8 + 5x + 5$$

$$7x - x - 5x = 8 + 5 + 6$$

$$x = 19$$

$$56) \boxed{2(x+3)} - \boxed{6(5+x)} = 3x + 4$$

$$2x + 6 - 30 - 6x = 3x + 4$$

$$2x - 6x - 3x = 4 - 6 + 30$$

$$-7x = 28$$

$$x = \frac{28}{-7}$$

$$x = -4$$

$$57) \boxed{5(2-x)} + \boxed{3(x+6)} = 10 \boxed{-4(6-2x)}$$

$$\underline{10} - 5x + 3x + \underline{18} = 10 - 24 + \underline{8x}$$

$$-5x + 3x - 8x = 10 - 24 - 10 - 18$$

$$\textcircled{-10}x = -42$$

$$x = \frac{-42}{-10}$$

$$x = \frac{21}{5}$$

$$58) 3x + 8 - 5x - 5 = \boxed{2(x+6)} - 7x$$

$$3x + \underline{8} - 5x - \underline{5} = \underline{2x} + \underline{12} - \underline{7x}$$

$$3x - 5x - 2x + 7x = 12 - 8 + 5$$

$$\textcircled{3}x = 9$$

$$x = \frac{9}{3}$$

$$x = 3$$

Deberes : de la 60 a la 64

$$59) 4x - 2 + \boxed{6(x-4)} = 3 + 2x$$

$$4x - \underline{2} + 6x - \underline{24} = 3 + \underline{2x}$$

$$4x + 6x - 2x = 3 + 2 + 24$$

$$\textcircled{8}x = 29$$

$$x = \frac{29}{8}$$