

## ECUACIONES

①

$$x+2=5$$

$$X=3$$

②

$$-4x+3-3x+2=5x+6$$

$$x = \frac{1}{-12}$$

③

$$6x-5=7x+4$$

$$x = \frac{9}{-1} = -9$$

④

$$2(6x+1)=3x-5$$

$$x = \frac{-7}{9}$$

⑤

$$6+3x=3(2x+1)$$

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

⑥

$$3(-2x-3)=-6(3x-2)$$

$$x = \frac{21}{12} = \frac{7}{4}$$

⑦

$$x+2(3x-6)=2(x+3)-6(x+1)$$

$$x = \frac{12}{11}$$

$$\textcircled{8} \quad 2(x-1)+2(x+1)=6(x+3)-5(2-7x)$$

$$x = \frac{8}{-37}$$

$$\textcircled{9} \quad -3(3x+1+4x)=-9x-1$$

$$x = \frac{4}{-12} = \frac{1}{-3}$$

$$\textcircled{10} \quad 2(-x-1)-3(x-9)=2$$

$$x = \frac{-27}{-5} = \frac{27}{5}$$

$$\textcircled{1} \textcircled{2} \quad 2(x+1)+2(6x+5)+9(-3x-2)=4$$

$$x = \frac{10}{-13}$$

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

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

$$\textcircled{1} \textcircled{4} \quad 4x+6 = \frac{2x+1}{3}$$

$$x = \frac{-17}{10}$$

$$\textcircled{1} \textcircled{5} \quad \frac{6x+6}{2} = \frac{3x-2}{3}$$

$$x = \frac{-22}{12} = \frac{-11}{6}$$

$$\textcircled{1} \textcircled{6} \quad \frac{2x}{3} + 3(x-5) = \frac{-2x}{2}$$

$$x = \frac{90}{28} = \frac{45}{14}$$

$$\textcircled{1} \textcircled{7} \quad \frac{-3x+2}{4} + \frac{5x}{2} = 2$$

$$x = \frac{6}{7}$$

$$\textcircled{1} \textcircled{8} \quad 6x + \frac{-2(x-3)}{5} - \frac{-2(x+1)}{6} = 2 \left( 3x - \frac{4x+4}{2} \right)$$

$$x = \frac{74}{118} = \frac{37}{59}$$

$$\textcircled{1} \textcircled{9} \quad \left[ -4x + 2 \left( \frac{3x+1}{2} \right) \right] = -6 \left( \frac{-5(2x+1)}{6} \right)$$

$$x = \frac{24}{-66} = \frac{12}{-33} = \frac{4}{-11}$$

$$\textcircled{2} \textcircled{0} \quad 2 \left[ \frac{-3(6x-4)}{8} + 4 \left( -3 + \frac{5x}{11} \right) \right] = \frac{-6x-3}{2} - 4 \left( \frac{6x+1}{7} \right)$$

$$x = \frac{2915}{857}$$