

$$\begin{array}{l}
 x - 3 = -5 \quad x = 3 - 5 \quad x = -2 \\
 4x - 10 = 14 \quad 4x = 10 + 14 \quad 4x = 24 \quad x = 6 \\
 x - 2 = -10 \quad x = 2 - 10 \quad x = -8 \\
 4x - 6 = 18 \quad 4x = 6 + 18 \quad 4x = 24 \quad x = 6 \\
 5 - 2x = -25 \quad -2x = -25 - 5 \quad -2x = -30 \quad x = 15 \\
 6x + 18 = 18 \quad 6x = 0 \quad x = 0 \\
 x + 6 = 2x + 8 \quad x - 2x = 8 - 6 \quad -x = 2 \quad x = -2 \\
 3x - 5 = 6x - 8 \quad 3x - 6x = 5 - 8 \quad -3x = -3 \quad x = 1 \\
 3x + 10 = 7x - 10 \quad 3x - 7x = -10 - 10 \quad -4x = -20 \quad x = 5 \\
 7x + 16 = 2x + 11 \quad 7x - 2x = -16 + 11 \quad 5x = -5 \quad x = -1 \\
 14x - 13 - 7x = 15 + 3x \quad 14x - 7x - 3x = 13 + 15 \quad 4x = 284 \quad x = 7 \\
 -34 + 4x - 17 = -51 - 30x \quad 4x + 30x = 34 + 17 - 51 \quad 34x = 0 \quad x = 0 \\
 15x + 2 = 13x + 16 \quad 15x - 13x = -2 + 16 \quad 2x = 14 \quad x = 7 \\
 x + 3x + 5 = 6x - 13 \quad x + 3x - 6x = -5 - 13 \quad -2x = -18 \quad x = 9 \\
 10x + 2 = 15x - 8 \quad 10x - 15x = -2 - 8 \quad -5x = -10 \quad x = 2 \\
 21 - 18x = 2x - 3 \quad -18x - 2x = -21 - 3 \quad -20x = -24 \quad x = \frac{6}{5} \\
 10 + 13x = 24x + 5 \quad 13x - 24x = -10 + 5 \quad -11x = -5 \quad x = \frac{5}{11} \\
 -3x - 9 + 6x = 3 + 12x - x \quad -3x + 6x - 12x + x = 9 + 3 \quad -8x = 12 \quad x = -\frac{3}{2} \\
 2x - 5 = 3x - 9 \quad 2x - 3x = 5 - 9 \quad -x = -4 \quad x = 4 \\
 3x + x + 6 = -5x - 21 \quad 3x + x + 5x = -6 - 21 \quad 9x = -27 \quad x = -3 \\
 36x - 12 = 12x + 24 \quad 36x - 12x = 12 + 24 \quad 24x = 36 \quad x = \frac{3}{2} \\
 25 + 18x = -15 - 12x \quad 18x + 12x = -15 - 25 \quad 30x = -40 \quad x = -\frac{4}{3} \\
 21x + 17 - 2x = -13 - 11x \quad 21x - 2x + 11x = -17 - 13 \quad 30x = -30 \quad x = -1 \\
 5x + 12 - 18 = 10x - 16 + 23x \quad 5x - 10x - 23x = -12 + 18 - 16 \quad -28x = -10 \quad x = \frac{5}{14} \\
 3x - 18 + 8x - 6 = x + 16 \quad 3x + 8x - x = 18 + 6 + 16 \quad 10x = 40 \quad x = 4 \\
 10x - 5 + 15x + 4 = 13 + 11x \quad 10x + 15x - 11x = 5 - 4 + 13 \quad 14x = 14 \quad x = 1 \\
 4x - 2(x - 1) = x + 6 \quad 4x - 2x + 2 = x + 6 \quad 4x - 2x - x = -2 + 6 \quad x = 4 \\
 -4x - (x + 2) + 2(3x - 4) = 0 \quad -4x - x - 2 + 6x - 8 = 0 \quad -4x - x + 6x = 2 + 8 \quad x = 10 \\
 8x - 5 + 12x - 7x - 11 = -3 + 6x - 9 + 10x \quad 8x + 12x - 7x - 6x - 10x = 5 + 11 - 3 - 9 \quad -3x = 4 \quad x = -\frac{4}{3} \\
 x + 4x + 8(3 - x) = 6x + 5 - (2 - x) + 2x \quad x + 4x + 24 - 8x = 6x + 5 - 2 + x + 2x \\
 \quad \quad \quad x + 4x - 8x - 6x - x - 2x = -24 + 5 - 2 \quad -12x = -21 \quad x = \frac{7}{4} \\
 4 + 6(4x - 5) = 3 + 6(2x - 1) - 18(1 - 2x) + 1 \quad 4 + 24x - 30 = 3 + 12x - 6 - 18 + 36x + 1 \\
 \quad \quad \quad 24x - 12x - 36x = -4 + 30 + 3 - 6 - 18 + 1 \quad -24x = 6 \quad x = -\frac{1}{4} \\
 54x - 47 + 25x = 19x - 107 \quad 54x + 25x - 19x = 47 - 107 \quad 60x = -60 \quad x = -1
 \end{array}$$

$$3 + 2(x - 1) + 2x - 4 = 7x + 5(x - 2) - 1 \quad 3 + 2x - 2 + 2x - 4 = 7x + 5x - 10 - 1$$

$$2x + 2x - 7x - 5x = -3 + 2 + 4 - 10 - 1 \quad -8x = -8 \quad x = 1$$

$$6x + 4 = 27 - (x + 2) - (5 - 3x) \quad 6x + 4 = 27 - x - 2 - 5 + 3x$$

$$6x + x - 3x = -4 + 27 - 2 - 5 \quad 4x = 16 \quad x = 4$$

$$3(17 - x) + 12x = 2(8 - 3x) + 50 \quad 51 - 3x + 12x = 16 - 6x + 50 \quad -3x + 12x + 6x = -51 + 16 + 50$$

$$15x = 15 \quad x = 1$$

$$6x + 4 - 2(4 - x) = 2(x - 8) + 8 - (4 - 5x) \quad 6x + 4 - 8 + 2x = 2x - 16 + 8 - 4 + 5x$$

$$6x + 2x - 2x - 5x = -4 + 8 - 16 + 8 - 4 \quad x = -8$$

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

$$x - \frac{x}{3} = 12 \quad \frac{2}{3}x = 12 \quad x = 18$$

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

$$x - \frac{5}{2} = -\frac{5}{2}x + \frac{9}{2} \quad x + \frac{5}{2}x = \frac{5}{2} + \frac{9}{2} \quad \frac{7}{2}x = 7 \quad x = 2$$

$$\frac{8}{3}x + x - 7 = 3x + 3 \quad \frac{8}{3}x + x - 3x = 7 + 3 \quad \frac{2}{3}x = 10 \quad x = 15$$

$$\frac{x}{4} - 1 + \frac{2}{3}x = \frac{3}{4}x - \frac{9}{2} + x - \frac{x}{3} \quad \frac{x}{4} + \frac{2}{3}x - \frac{3}{4}x - x + \frac{x}{3} = 1 - \frac{9}{2} \quad -\frac{1}{2}x = -\frac{7}{2} \quad x = 7$$

$$\frac{2}{3}x - 1 + \frac{x}{6} = 15 - x - \frac{x}{6} \quad \frac{2}{3}x + \frac{x}{6} + x + \frac{x}{6} = 1 + 15 \quad 2x = 16 \quad x = 8$$

$$\frac{1}{2}x - 1 + 2x - 3 + 4x - 5 = 1 - \frac{1}{2}x \quad \frac{1}{2}x + 2x + 4x + \frac{1}{2}x = 1 + 3 + 5 + 1 \quad 7x = 10 \quad x = \frac{10}{7}$$

$$\frac{2}{3}x + 1 - \frac{1}{2} + \frac{1}{4}x = -\frac{2}{3} + x - \frac{1}{2} + 1 \quad \frac{2}{3}x + \frac{1}{4}x - x = -1 + \frac{1}{2} - \frac{2}{3} - \frac{1}{2} + 1 \quad -\frac{1}{12}x = -\frac{2}{3} \quad x = 8$$

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

$$\frac{3}{5}x + \frac{1}{2} - \frac{2}{3}x + 1 = 1 - \frac{1}{2}x + \frac{2}{3} - \frac{1}{15} \quad \frac{3}{5}x - \frac{2}{3}x + \frac{1}{2}x = -\frac{1}{2} + \frac{2}{3} - \frac{1}{15} \quad \frac{13}{30}x = \frac{1}{10} \quad x = \frac{3}{13}$$

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

$$\frac{3}{5}x - 2x + x = -2 + 6 \quad -\frac{2}{5}x = 4 \quad x = -10$$

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

$$-\frac{13}{2}x = -\frac{13}{10} \quad x = \frac{1}{5}$$

$$\frac{3}{2}x - 8\left(\frac{x}{2} + 1\right) = \frac{7}{8}x + 2\left(x - \frac{1}{2}\right) - 7 \quad \frac{3}{2}x - 4x - 8 = \frac{7}{8}x + 2x - 1 - 7 \quad \frac{3}{2}x - 4x - \frac{7}{8}x - 2x = 8 - 1 - 7$$

$$-\frac{43}{8}x = 0 \quad x = 0$$