

$$\textcircled{f} 0.23x - 7x + 4 = 4x - 0.6 + 4x - 8$$

$$-6.77x + 4 = 8x - 8.6$$

$$\begin{array}{r} +6.77x \quad 6.77x \\ \hline 4 = 14.77x - 8.6 \\ +8.6 \quad +8.6 \\ \hline 12.6 = 14.77x \\ 14.77 \quad 14.77 \\ \hline 0.85 = x \end{array}$$

$$4 = 14.77x - 8.6$$

$$+8.6 \quad +8.6$$

$$\frac{12.6}{14.77} = \frac{14.77x}{14.77}$$

$$0.85 = x$$

$$12x - (5 - 3x) = 7 - 9(2 - 3x)$$

$$12x - 5 + 3x = 7 - 18 + 27x$$

$$15x - 5 = -11 + 27x$$

$$\begin{array}{r} -15x \quad -15x \\ \hline -5 = -11 + 12x \\ +11 \quad +11 \\ \hline 6 = 12x \\ \frac{1}{2} = x \end{array}$$

$$-5 = -11 + 12x$$

$$+11 \quad +11$$

$$6 = 12x$$

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

$$\frac{3}{4}(8x - 16) + 7 = 3x - (2x - 4)$$

$$6x - 12 + 7 = 3x - 2x + 4$$

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

$$\begin{array}{r} -x \quad -x \\ \hline 5x - 5 = 4 \\ +5 \quad +5 \\ \hline 5x = 9 \\ x = \frac{9}{5} \end{array}$$

$$5x - 5 = 4$$

$$+5 \quad +5$$

$$5x = 9$$

$$x = \frac{9}{5}$$

$$\textcircled{g} 4(2x - 8) = 3(2 - 3x)$$

$$8x - 32 = 6 - 9x$$

$$\begin{array}{r} +9x \quad +9x \\ \hline 17x - 32 = 6 \\ +32 \quad +32 \\ \hline 17x = 38 \\ 17 \quad 17 \\ \hline x = 2\frac{2}{17} \end{array}$$

$$17x - 32 = 6$$

$$+32 \quad +32$$

$$17x = 38$$

$$17 \quad 17$$

$$x = 2\frac{2}{17}$$

$$3\frac{2}{3}x - 7 - 2\frac{5}{8}x = 3\frac{1}{2}(\frac{3}{4}x - 8)$$

$$\frac{1}{2}4x - 7 = \frac{21}{8}x - 28$$

$$\begin{array}{r} -\frac{1}{2}4x \quad -\frac{1}{2}4x \\ \hline -7 = 1\frac{7}{2}x - 28 \\ +28 \quad +28 \\ \hline 21 = 1\frac{7}{2}x \\ 1\frac{7}{2} \quad 1\frac{7}{2} \\ \hline 13\frac{5}{14} = x \end{array}$$

$$-7 = 1\frac{7}{2}x - 28$$

$$+28 \quad +28$$

$$21 = 1\frac{7}{2}x$$

$$1\frac{7}{2} \quad 1\frac{7}{2}$$

$$13\frac{5}{14} = x$$

$$3(2x - 8) + 4x = 5x - 8(2x - 1)$$

$$6x - 24 + 4x = 5x - 16x + 8$$

$$10x - 24 = -11x + 8$$

$$\begin{array}{r} +11x \quad +11x \\ \hline 21x - 24 = 8 \\ +24 \quad 24 \\ \hline 21x = 32 \\ \frac{21x}{21} = \frac{32}{21} \\ x = 1\frac{1}{21} \end{array}$$

$$21x - 24 = 8$$

$$+24 \quad 24$$

$$21x = 32$$

$$\frac{21x}{21} = \frac{32}{21}$$

$$x = 1\frac{1}{21}$$

$$\textcircled{h} 5t - 3(2 - 7t) + 12 = 3t - (2 + t)$$

$$5t - 6 + 21t + 12 = 3t - 2 - t$$

$$26t + 6 = 2t - 2$$

$$\begin{array}{r} -2t \quad -2t \\ \hline 24t + 6 = -2 \\ -6 \quad -6 \\ \hline 24t = -8 \\ 24 \quad 24 \\ \hline t = -\frac{1}{3} \end{array}$$

$$24t + 6 = -2$$

$$-6 \quad -6$$

$$24t = -8$$

$$24 \quad 24$$

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

$$123 - 8(2x - 5) = 15(3x - 5) + 23$$

$$123 - 16x + 40 = 45x - 75 + 23$$

$$163 - 16x = 45x - 52$$

$$\begin{array}{r} +16x \quad +16x \\ \hline 163 = 61x - 52 \\ 52 \quad 52 \\ \hline 215 = 61x \\ 61 \quad 61 \\ \hline 3\frac{2}{61} = x \end{array}$$

$$163 = 61x - 52$$

$$52 \quad 52$$

$$215 = 61x$$

$$61 \quad 61$$

$$3\frac{2}{61} = x$$

$$5(3x - 2) + 34x - 7 = 24x - 8$$

$$15x - 10 + 34x - 7 = 24x - 8$$

$$49x - 17 = 24x - 8$$

$$\begin{array}{r} -24x \quad -24x \\ \hline 25x - 17 = -8 \\ +17 \quad +17 \\ \hline 25x = 9 \\ 25 \quad 25 \\ \hline x = \frac{9}{25} \end{array}$$

$$25x - 17 = -8$$

$$+17 \quad +17$$

$$25x = 9$$

$$25 \quad 25$$

$$x = \frac{9}{25}$$