

H.W

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Q3

$$a) 2x + 3 = 9 \Rightarrow 2x = 6 \Rightarrow x = 3$$

$$\begin{array}{r} -3 \\ -3 \end{array} \quad \begin{array}{r} 2 \\ 2 \end{array}$$

$$b) 3x + 5 = 26 \Rightarrow 3x = 21 \Rightarrow x = 7$$

$$\begin{array}{r} -5 \\ -5 \end{array} \quad \begin{array}{r} 3 \\ 3 \end{array}$$

$$c) 4x - 2 = 34 \Rightarrow 4x = 36 \Rightarrow x = 9$$

$$\begin{array}{r} +2 \\ +2 \end{array} \quad \begin{array}{r} 4 \\ 4 \end{array}$$

$$d) 5x + 1 = 31 \Rightarrow 5x = 30 \Rightarrow x = 6$$

$$\begin{array}{r} -1 \\ -1 \end{array} \quad \begin{array}{r} 5 \\ 5 \end{array}$$

$$e) 6x + 5 = 47 \Rightarrow 6x = 42 \Rightarrow x = 7$$

$$\begin{array}{r} -5 \\ -5 \end{array} \quad \begin{array}{r} 6 \\ 6 \end{array}$$

$$f) 4x + 6 = 42 \Rightarrow 4x = 36 \Rightarrow x = 9$$

$$\begin{array}{r} -6 \\ -6 \end{array} \quad \begin{array}{r} 4 \\ 4 \end{array}$$

$$g) 3x - 2 = 10 \Rightarrow 3x = 12 \Rightarrow x = 4$$

$$\begin{array}{r} +2 \\ +2 \end{array} \quad \begin{array}{r} 3 \\ 3 \end{array}$$

$$h) 2x - 7 = 13 \Rightarrow 2x = 20 \Rightarrow x = 10$$

$$\begin{array}{r} +7 \\ +7 \end{array} \quad \begin{array}{r} 2 \\ 2 \end{array}$$

Q3

$$i) 4x - 8 = 8$$

$$j) 12 - 7x = 12$$

$$k) 20 - 3 = 20$$

$$l) 4 - 3x = 4$$

$$m) 2x + 1 = 1$$

$$n) 3x - 5 = 5$$

$$o) 4x + 3 = 3$$

Q3

$$1) 4x - 8 = 36 = 4x = 44 = x = 11$$

$$\begin{array}{r} +8 \quad +8 \\ \hline \end{array}$$

$$j) 12 - 7x = 2 = -7x = -10 = x = 1.4$$

$$\begin{array}{r} +12 \quad -12 \\ \hline \end{array}$$

$$k) 20 - 3x = 26 = -3x = 6 = x = -2$$

$$\begin{array}{r} -20 \quad -20 \\ \hline \end{array}$$

$$l) 4 - 3x = 19 = -3x = 15 = x = -5$$

$$\begin{array}{r} -4 \quad -4 \\ \hline \end{array}$$

$$m) 2x + 1 = 6 = 2x = 5 = x = 2.5$$

$$\begin{array}{r} -1 \quad -1 \\ \hline \end{array}$$

$$n) 3x - 5 = 2 = 3x = 7 = x = 2.3$$

$$\begin{array}{r} +5 \quad +5 \\ \hline \end{array}$$

$$o) 4x + 3 = 10 = 4x = 7 = x = 1.75$$

$$\begin{array}{r} -3 \quad -3 \\ \hline \end{array}$$