

$$\begin{array}{r} 9 + 4x = 73 \\ -9 \quad -9 \\ \hline 4x = 64 \\ \frac{4x}{4} = \frac{64}{4} \\ \hline x = 16 \end{array}$$

(ck)

$$\begin{array}{l} 9 + 4(16) = 73 \\ 9 + 64 = 73 \\ 73 = 73 \end{array}$$

$$\begin{array}{r} \frac{1}{3}n - 20 = 72 \\ +20 \quad +20 \\ \hline 3\left(\frac{1}{3}n\right) = (92)3 \\ \hline n = 276 \end{array}$$

(ck)

$$\begin{array}{l} \frac{1}{3}(276) - 20 = 72 \\ 92 - 20 = 72 \\ 72 = 72 \end{array}$$

$$\begin{array}{r} 75 = 3 + 2w \\ -3 \quad -3 \\ \hline 72 = 2w \\ \frac{72}{2} = \frac{2w}{2} \\ 36 = w \end{array}$$

36 yards

(ck)

$$\begin{array}{l} 75 = 3 + 2(36) \\ 75 = 3 + 72 \\ 75 = 75 \end{array}$$

$$\begin{array}{r} 63 = 5b - 2 \\ +2 \quad +2 \\ \hline 65 = 5b \\ \frac{65}{5} = \frac{5b}{5} \\ 13 = b \end{array}$$

13 years old

(ck)

$$\begin{array}{l} 63 = 5(13) - 2 \\ 63 = 65 - 2 \\ 63 = 63 \end{array}$$

$$\begin{array}{r} 92 = 6 + \frac{1}{2}f \\ -6 \quad -6 \\ \hline 2(86) = \left(\frac{1}{2}f\right)2 \\ 172 = f \end{array}$$

172 lbs

(ck)

$$\begin{array}{l} 92 = 6 + \frac{1}{2}(172) \\ 92 = 6 + 86 \\ 92 = 92 \end{array}$$

$$\begin{array}{r} 85 = \frac{1}{8}b - 10 \\ +10 \quad +10 \\ \hline 8(95) = \left(\frac{1}{8}b\right)8 \\ 760 = b \end{array}$$

760 calories

(ck)

$$\begin{array}{l} 85 = \frac{1}{8}(760) - 10 \\ 85 = 95 - 10 \\ 85 = 85 \end{array}$$

$$\begin{array}{r} 1000 = 250 + 2p \\ -250 \quad -250 \\ \hline 750 = 2p \\ \frac{750}{2} = \frac{2p}{2} \\ 375 = p \end{array}$$

375 posters

(ck)

$$\begin{array}{l} 1000 = 250 + 2(375) \\ 1000 = 250 + 750 \\ 1000 = 1000 \end{array}$$

$$\begin{array}{r} 4000 = 800 + 5b \\ -800 \quad -800 \\ \hline 3200 = 5b \\ \frac{3200}{5} = \frac{5b}{5} \\ 640 = b \end{array}$$

640 books

(ck)

$$\begin{array}{l} 4000 = 800 + 5(640) \\ 4000 = 800 + 3200 \\ 4000 = 4000 \end{array}$$

$$\begin{array}{r} 117 = 30 + 3m \\ -30 \quad -30 \\ \hline 87 = 3m \\ 29 = m \end{array}$$

29 miles

(ck)

$$\begin{array}{l} 117 = 30 + 3(29) \\ 117 = 30 + 87 \\ 117 = 117 \end{array}$$

$$\begin{array}{r} 286 = 40h - 74 \\ +74 \quad +74 \\ \hline 360 = 40h \\ \frac{360}{40} = \frac{40h}{40} \\ 9 = h \end{array}$$

9/hr

(ck)

$$\begin{array}{l} 286 = 40(9) - 74 \\ 286 = 360 - 74 \\ 286 = 286 \end{array}$$