

2-4-4 Word Problems

a)
$$\begin{array}{r} 12.3 \\ - 5.6 \\ \hline 6.7 \end{array}$$
 6.7 millions

$$\begin{array}{r} 14.1 \\ - 13.4 \\ \hline 0.7 \end{array}$$
 0.7 meters

b)
$$\begin{array}{r} 185.196 \text{ lbs} \\ 5 \overline{) 925.980} \\ \underline{5} \\ 42 \\ \underline{40} \\ 25 \\ \underline{25} \\ 25 \\ \underline{25} \\ 30 \\ \underline{30} \\ 0 \end{array}$$

$$\begin{array}{r} 62.5 \\ \times 36 \\ \hline 3750 \\ 18750 \\ \hline 2250.0 \end{array}$$
 2250 lbs

c)
$$\begin{array}{r} 25.42 \\ \times 5.4 \\ \hline 10168 \\ 12710 \\ \hline 137268 \end{array}$$
 \$137.268

$$\begin{array}{r} 4.2 \\ + 2.37 \\ + .45 \\ \hline 7.02 \end{array}$$
 kg

d)
$$\begin{array}{r} 3.2 \\ - 2.8 \\ \hline 0.4 \end{array}$$
 ft

$$\begin{array}{r} 1.34 \\ - .98 \\ \hline .36 \end{array}$$
 \$0.36

e)
$$\begin{array}{r} 103.2 \\ - 98.6 \\ \hline 4.6 \end{array}$$
 °

$$\begin{array}{r} 20 \overline{) 51.78} \\ \underline{40} \\ 11 \\ \underline{10} \\ 178 \\ \underline{170} \\ 80 \\ \underline{80} \\ 0 \end{array}$$
 20.39 in (Rounded) cut into equal inches

f)
$$\begin{array}{r} 357 \text{ m/hr} \\ 5.2 \overline{) 1856.4} \\ \underline{104} \\ 816 \\ \underline{816} \\ 0 \end{array}$$

$$\begin{array}{r} 3.20 \\ + 2.50 \\ + .75 \\ \hline 6.45 \end{array}$$
 lbs

g)
$$\begin{array}{r} 8.25 \\ \times 6.42 \\ \hline 3300 \\ 16500 \\ 49500 \\ \hline 529650 \end{array}$$

$$\begin{array}{r} 206.92 \\ 6.5 \overline{) 1345.000} \\ \underline{130} \\ 450 \\ \underline{390} \\ 600 \\ \underline{545} \\ 150 \\ \underline{130} \\ 20 \end{array}$$
 206.9 (Rounded)

h)
$$\begin{array}{r} 78.5 \\ - 68.9 \\ \hline 4.6 \\ + 4.6 \\ \hline 9.2 \end{array}$$

$$\begin{array}{r} 61.6875 \\ 1.6 \overline{) 98.7} \\ \underline{32} \\ 667 \\ \underline{640} \\ 270 \\ \underline{256} \\ 140 \\ \underline{128} \\ 12 \end{array}$$
 61.69 mi (Rounded)