

Greatest common = $2 \cdot 2 \cdot 2 = 8$

① get prime factors for both numbers

$$56 \rightarrow 2 \cdot 28 = \underbrace{2 \cdot 2 \cdot 2} \cdot 7$$

$$\begin{array}{c} 28 \\ \swarrow \searrow \\ 2 \quad 14 \\ \quad \swarrow \searrow \\ \quad 2 \quad 7 \end{array}$$

② Then see which numbers are in common

$$80 \rightarrow 2 \cdot 40 = \underbrace{2 \cdot 2 \cdot 2} \cdot 2 \cdot 5$$

$$\begin{array}{c} 40 \\ \swarrow \searrow \\ 2 \quad 20 \\ \quad \swarrow \searrow \\ \quad 2 \quad 10 \\ \quad \quad \swarrow \searrow \\ \quad \quad 2 \quad 5 \end{array}$$

$$49 = 7 \cdot 7 = 7 \cdot 7$$

$$84 = 2 \cdot 42 = \underbrace{2 \cdot 2 \cdot 2}_{7 \cdot 12} \cdot 11$$

$$\begin{array}{c} \wedge \\ 2 \quad 22 \\ \quad \wedge \\ \quad 2 \quad 11 \end{array}$$

$$\begin{array}{c} \textcircled{91} \\ \wedge \\ 7 \quad 13 \end{array}$$

$$\begin{array}{c} \wedge \\ 7 \cdot 12 \\ \quad \wedge \\ \quad 4 \cdot 3 \\ \quad \quad \wedge \\ \quad \quad 2 \cdot 2 \end{array} \quad 7 \overline{) 84}$$

$$= 7 \cdot 13$$

$$\begin{array}{r}
 \textcircled{1} \\
 \text{med } 15.75 \\
 \text{large } 17.50 \\
 \hline
 33.25
 \end{array}$$

$$\begin{array}{r}
 5 \quad 11 \quad 14 \\
 46.24 \\
 33.25 \\
 \hline
 12.99
 \end{array}$$

How much is
a small if
all three cost

$$\underline{\$ 46.24}$$

②

$$\begin{array}{r} \boxed{6.85 \text{ ft}} \text{ w} \\ \underline{- 3.40 \text{ ft}} \\ 3.45 \text{ ft} \end{array} \quad \boxed{3.45 \text{ ft}}$$

$$\begin{array}{r} \boxed{6.85 \text{ ft}} \\ \underline{+ .50 \text{ ft}} \\ 6.35 \text{ ft} \end{array} \quad \boxed{6.35 \text{ ft}}$$

$$\boxed{6.85 \text{ ft}}$$

$$\begin{array}{r} 2 \overset{1}{6}.85 \\ \underline{3} \\ 20.55 \\ \overset{8}{2}0.55 \\ \underline{3.90} \\ - 16.65 \end{array} \quad \begin{array}{r} 3.4 \\ \underline{+ .5} \\ 3.9 \end{array} \quad \begin{array}{r} \overset{1}{6}.85 \\ + 6.35 \\ \underline{3.45} \\ 16.65 \end{array}$$

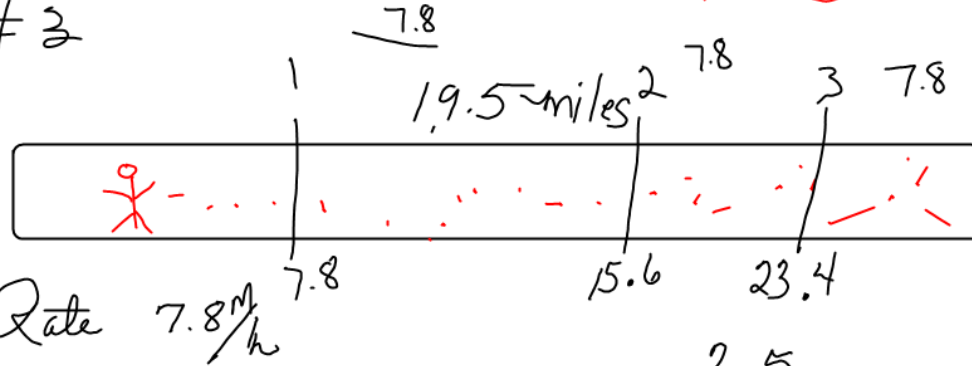
$$00.48 \quad 7.2459$$

$$.00001 \quad .50$$

$$\begin{array}{r} \overset{1}{.}48 \\ \overset{0}{.}00001 \\ \overset{1}{.}50 \\ \underline{7.2459} \\ 8.22591 \end{array} \quad 8.22591$$

$$R \cdot T = D$$

3



2.5 hrs

$$\begin{array}{r}
 2.5 \\
 7.8 \overline{) 19.50} \\
 \underline{156} \\
 390 \\
 \underline{390} \\
 0
 \end{array}$$

$$\begin{array}{r}
 1 \\
 15.6 \\
 \underline{7.8} \\
 23.4
 \end{array}$$

Rate times time equals distance

$$\begin{array}{l}
 R \cdot T = D \\
 7.8 \cdot T = 19.5
 \end{array}$$

$$\frac{R \cdot T = D}{R} \quad \Bigg| \quad \frac{R \cdot T = D}{R}$$

$$\begin{array}{l}
 R \cdot T = D \quad T = \frac{D}{R} \\
 R = \frac{D}{T}
 \end{array}$$

$$T = \frac{D}{R}$$

#4

M 4.8

T 4.8

W 4.8

T 4.8

F 4.8

S 4.8

$$\begin{array}{r} 4 \overset{\cdot}{4}.8 \\ \underline{\quad 6} \\ 28.\overset{\cdot}{8} \end{array}$$

#5)

$$\begin{array}{r}
 56.28 \\
 12.00 \\
 \hline
 68.28
 \end{array}$$

17.07

$$\begin{array}{r}
 17.07 \\
 \hline
 4 \overline{) 68.28} \\
 \underline{4} \\
 28 \\
 \underline{28} \\
 28 \\
 \underline{28} \\
 0
 \end{array}$$

64, 42, 43 , 61

#6

$9.75/\text{hr}$
 $\times \uparrow$ use two decimal places

$$\begin{array}{r}
 6 \ 9.75 \\
 \times 18 \\
 \hline
 78 \ 00 \\
 97 \ 50 \\
 \hline
 175.50
 \end{array}$$

1A

9.5 ground beef } $\frac{1}{3}$ lb burgers

$$9\frac{1}{2} \div \frac{1}{3}$$

$$\frac{19}{2} \div \frac{1}{3}$$

$$\frac{19}{2} \cdot \frac{3}{1} = \frac{57}{2} = \underline{\underline{28\frac{1}{2}}}$$

$$\begin{array}{r} 27 \\ + 1 \\ \hline 28 \text{ burgers} \end{array}$$

(15)

$$5\frac{1}{4}$$

$$\frac{1}{5} \text{ ft}$$

$$5 \text{ per foot at } 5 \text{ ft} = 25 + 1 = \underline{\underline{26}}$$

$$\frac{21}{4} \div \frac{1}{5} = \frac{21}{4} \cdot \frac{5}{1} = \frac{105}{4}$$

$$\begin{array}{r} 26 \\ 4 \overline{) 1050} \\ \underline{8} \\ 25 \\ \underline{24} \\ 10 \end{array}$$

$$\frac{26}{1}$$

Class Opener: Get a post it note and make a bench
mark predication

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J