

January 22, 2015^{4th}

Starter

1.

Day	Minutes for Mary to Reach School
Monday	39
Tuesday	28
Wednesday	26
Thursday	27
Friday	18

On which day did Mary reach school in the shortest amount of time? _____

How many minutes more did Mary take to reach school on Tuesday than on Thursday?

2. Which of these values is the greatest?

$$\frac{4}{5}, -17, 3, \frac{19}{6}$$

3. Of the choices below, what is the best estimate of the speed of a station wagon?

A 470 millimeters per hour

B 47 meters per hour

C 47 kilometers per hour

4. Write the number that balances the equation.

$$(23 \cdot 3)8 = 23(2 \cdot \underline{\hspace{2cm}})$$

5. Solve for the value of x .

$$3x - 10 = 41$$

Metro

1/22 Real-Life Uses for Proportions - Cost and Exchange Rate

Three bunches of cilantro cost \$5.

How many bunches can you buy for \$10?



$$\begin{array}{l} \text{How} \\ \text{many} \end{array} \frac{3 \cdot 2}{5 \cdot 2} = \frac{x}{10}$$

$$6 = x$$

6 bunches

If you can buy three mangos for \$4, then
how many can you buy with \$12?

$$\frac{3 \cdot 3}{\$4 \cdot 3} = \frac{m}{\$12}$$

$$9 = m$$

mangos



The money used in Switzerland is called the Franc. The Exchange rate is \$2 for 1 Franc. Find how many Francs you would receive if you exchanged \$25.



$$\begin{array}{l} \$ \\ \text{francs} \end{array} \frac{25 \cdot 2}{25 \cdot 1} = \frac{25 \cdot 2}{x \cdot 2}$$

$$\frac{\cancel{25}}{25} = \frac{\cancel{25}}{2x}$$

$$\frac{25}{2} = \frac{2x}{2}$$

$$12.5 = x \text{ Francs}$$

The currency in Saudi Arabia is the Riyal.
The exchange rate is about \$3 to 1 Riyal.
At this rate, how many dollars would you
get if you exchanged 10 Riyals?



$$\frac{\$ 10.3}{\text{Riyal } \cancel{10}} = \frac{x}{\cancel{10}}$$
$$\$ 30 = x$$

Homework

Lilac WS4

Due Tuesday