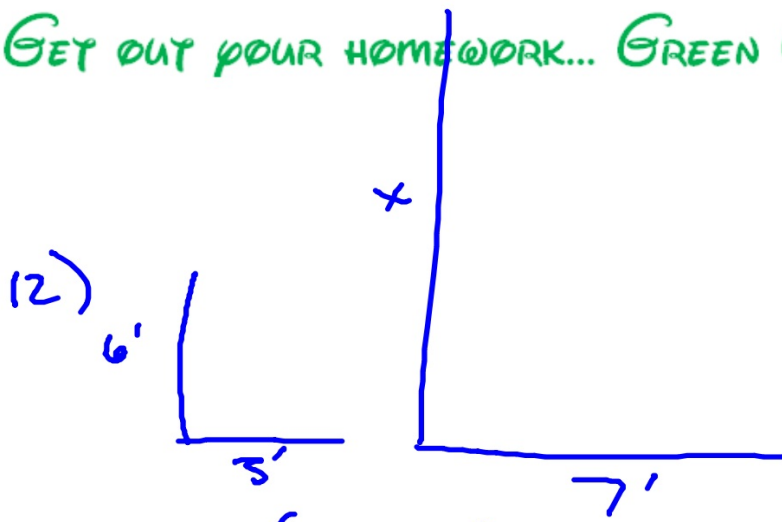


JANUARY 30, 2012

GET OUT YOUR HOMEWORK... GREEN WS4



(12)

$$\frac{6}{3} = \frac{x}{7}$$
$$14' = x$$

1/30 - Exchange Rate, Shopping, Reducing/Enlarging



1 Euro = \$1.38 US

\$1.00 US = 0.62 British pounds

100 Japanese Yen = \$1.28 US

100 Mexican pesos = \$7.44

The money used in Switzerland is called the Franc. The exchange rate is 12 Francs for \$10. Find how many Francs you would receive if you exchanged \$20.

$$\frac{12 \text{ Francs}}{\$10} = \frac{n}{\$20}$$

$$24 \text{ Francs} = n$$



The money used in Saudi Arabia is called the Riyal. The exchange rate is \$2 for every 7 Riyals. Find how many Riyals you would receive if you exchanged \$6.



$$\frac{\$2}{7 \text{ R}} = \frac{\$6}{x}$$

$$21 \text{ R} = x$$

Three bunches of cilantro cost \$5. How many bunches can you buy for \$10?

$$\frac{3 \cdot 2}{\$5 \cdot 2} = \frac{n}{\$10}$$

6 = n
bunches



If you can buy eight bunches of ~~seedless red~~ grapes for \$20 then how many can you buy with \$10?

$$\frac{8 \div 2}{\$20 \div 2} = \frac{x}{\$10}$$

$$4 \text{ bunches} = x$$



Carlos enlarged the size of a photo to a height of 18 in. What is the new width if it was originally 3 in tall and 1 in wide?

$$\begin{array}{l} \text{Tall} \\ \text{wide} \end{array} \frac{3 \text{ in} \cdot 6}{1 \text{ in} \cdot 6} = \frac{18 \text{ in}}{x}$$

$$6 \text{ in} = x$$



James reduced the size of a triangle to a height of 3 in. What is the new width if it was originally 16 in wide and 12 in tall?



$$w \quad \frac{16 \text{ in} \div 4}{12 \text{ in} \div 4} = \frac{x}{3 \text{ in}}$$

$$4 \text{ in} = x$$

HOMEWORK

Pink WORKSHEET 5

DUE Tuesday