

November 17, 2011

Get out your homework... Yellow WS 33/41

"What can you say about a really terrible mummy joke?" / "Sign Up"

②

$$\begin{array}{r} \overset{7}{-35} \\ \hline -15 \\ \hline \end{array} \neq \begin{array}{r} -15 \\ \hline -15 \\ \hline \end{array}$$

$\frac{2}{3} \neq p$

$$2\frac{1}{2} = p$$

11/17 - Mixed-Up Operations and Story Problems

Try these...

$$36 \cdot 2 = 3n - 12n$$

$$\begin{array}{r|l} 72 & = \cancel{-9n} \\ \hline -9 & \cancel{-9} \\ -8 & = n \end{array}$$

$$\begin{array}{r|l} \cancel{4} \cdot \frac{-x}{\cancel{4}} & = 9 \cdot 4 \\ -x & = 36 \\ X & = -36 \end{array}$$

and these...

$$\begin{array}{r} 1b - 6b = 4^2 \\ \hline -5b = 16 \\ \hline -5 \quad -5 \\ \hline b = -3\frac{1}{5} \end{array}$$

$$\begin{array}{r} \frac{8}{8}x - \frac{7}{8}x = 6 \\ \hline \frac{1}{8}x = 6 \cdot 8 \\ \hline x = 48 \end{array}$$

Set these up so that you have an Algebraic equation like we've been working with lately and THEN solve it.

Dan is thinking of a number.
The ^{multiply} product of the number and 8 is -320.
Find Dan's number.

$$\begin{array}{r} 8n = -320 \\ \hline 8 \quad 8 \\ \hline n = -40 \end{array}$$

Preston sells computers. He keeps one-sixth of his sales as commission.
How much must he sell to ~~earn~~ ^{earn} \$500?

$$\begin{array}{l} 6 \cdot \frac{1}{6} s = 500 \cdot 6 \\ s = \$3000 \end{array}$$

Fran is 15 years old. Her age is three-eighths of her father's age. how old is Fran's father?

$$\frac{3}{8} \cdot \frac{15}{1} = \frac{3}{8} \cdot f \quad \text{before}$$

$$40 = f \quad \text{years old}$$

Travis runs a music store. He sells CD's for 1.5 times what he pays for them. If he sells a CD for \$16.50, how much did he pay for it?

$$\frac{1.5p = 16.50}{1.5} \quad \frac{16.50}{1.5}$$

$$p = \$11.00$$

$$1.5 \overline{) 16.50}$$

$$\underline{15} $$

$$15 $$

$$\underline{15} $$

$$0$$

Homework

Yellow Worksheet 3.4

"Famous Honolulu Keyboarding School"

due Friday