

November 17, 2011

Get out your homework...

Blue worksheet 32

"Why Does Duffer McVolt Want Lights...?"

VS

$$\frac{1}{3} \cdot 3e = \frac{3e}{4} \cdot \frac{1}{4}$$
$$e = \frac{3}{4}$$

11/17 - Two-Step Equations

Find the =

Find the variable

The number WITH the variable goes last
UNDO the other number first

$$\begin{array}{r} 2k + 5 = 11 \\ -5 \quad -5 \\ \hline 2k = 6 \\ \div 2 \quad \div 2 \\ \hline k = 3 \end{array}$$

$$\begin{array}{r} -10 - 3x = 25 \\ -10 \quad -10 \\ \hline -3x = 15 \\ \div -3 \quad \div -3 \\ \hline x = -5 \end{array}$$

$$\frac{b}{3} - 4 = 7$$

$$+4 \quad +4$$

$$3 \cdot \frac{b}{3} = 11 \cdot 3$$

$$b = 33$$

$$-8 = -4 - \frac{n}{5}$$

$$+4 \quad +4$$

$$-8 + 4 = -4 - \frac{n}{5} + 4$$

$$-4 = -\frac{n}{5}$$

$$20 = n$$

$$\frac{1}{4}k - 6 = -10$$

$$\begin{array}{l} +6 \qquad +6 \\ \hline \cancel{\frac{1}{4}}k = -4 - \cancel{\frac{4}{1}} \\ \hline k = -16 \end{array}$$

$$-12 = \frac{1}{3}m - 8$$

$$\begin{array}{l} +8 \qquad +8 \\ \hline -4 = \cancel{\frac{1}{3}m} \\ \hline \end{array}$$

$$-4 \div \frac{1}{3} = m$$

$$-4 \cdot \frac{3}{1} = m$$

$$-12 = m$$

Homework

Green Worksheet 36

#1-16 all

due