

November 21, 2011

Get out your homework from Thursday

$$\textcircled{9} \quad 15 = -15 - 84$$

$$\begin{array}{r} +15 \\ +15 \end{array}$$

$$\frac{30}{-8} = \frac{-84}{-8}$$

$$-3\frac{6}{8} = 4$$

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

~~Yellow~~ Worksheet
Green



11/21 - Solving Equations with Variables on Both Sides

$$\begin{array}{r} 2x+4 = 6-3x \\ +3x \qquad \qquad \qquad +3x \\ \hline 5x+4 = 6 \\ -4 \qquad \qquad \qquad -4 \\ \hline 5x = 2 \\ \frac{5x}{5} = \frac{2}{5} \\ x = \frac{2}{5} \end{array}$$

$$\begin{array}{r} -4+10m = m+6 \\ -m \qquad \qquad \qquad -m \\ \hline -4+9m = 6 \\ +4 \qquad \qquad \qquad +4 \\ \hline 9m = 10 \\ \frac{9m}{9} = \frac{10}{9} \\ m = \frac{10}{9} \end{array}$$

$$\begin{array}{r} -15 + 21k = 28k + 6 \\ \quad -21k \quad \quad -21k \\ \hline -15 \quad \quad = 7k + 6 \\ \quad -6 \quad \quad \quad \quad -6 \\ \hline \frac{-21}{7} = \frac{7k}{7} \\ -3 = k \end{array}$$

$$\begin{array}{r} \underline{8x} + \underline{4x} = -4 + \underline{8x} + \underline{3x} \\ 12x = \cancel{11x} - 4 \\ -\cancel{11x} \quad \quad \quad \cancel{11x} \\ \hline x = -4 \end{array}$$

HOMework:

MELON Worksheet

Due Tuesday
