

November 21, 2011

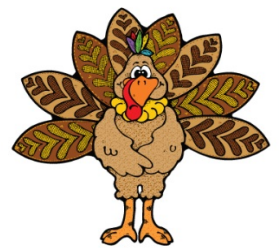
Get out your homework from Thursday

$$30) \quad x + 3\frac{1}{10} - 2\frac{5}{6}x - \frac{1}{3}$$

$$-2\frac{5}{6}x = -1\frac{5}{6}x + 2\frac{23}{30}$$

$$\begin{array}{r} +1 \\ \hline -1\frac{5}{6} \end{array}$$

$$\begin{array}{r} 2\cancel{3}\frac{1}{10} \frac{3}{30} \\ - \frac{1}{3} \frac{10}{30} \\ \hline 2\frac{23}{30} \end{array}$$



11/21 - Distributing and Combining Like Terms with Fractions

$$\begin{aligned} & -\left(\frac{1}{4}n + 1\right) + 1\frac{4}{5} \\ & = -\frac{1}{4}n - \underbrace{1} + \underbrace{1\frac{4}{5}} \\ & = -\frac{1}{4}n + \frac{4}{5} \end{aligned} \qquad \begin{array}{r} + 1\frac{4}{5} \\ - 1 \\ \hline \frac{4}{5} \end{array}$$

$$\begin{aligned}
 & -2b - 3\frac{1}{2}\left(-2\frac{3}{4}b + 2\right) \\
 & = \underline{-2b} + \underline{9\frac{5}{8}b} - 7 \\
 & = 7\frac{5}{8}b - 7
 \end{aligned}$$

$$\begin{aligned}
 & -3\frac{1}{2} \cdot 2 \\
 & = -7 \\
 & = -7
 \end{aligned}$$

$$\begin{aligned}
 & 3\frac{1}{2} \cdot 2 \\
 & = 7 \\
 & = 7
 \end{aligned}$$

$$-\frac{1}{4}\left(-1\frac{3}{4}x - 4\frac{1}{2}\right) + \frac{-1}{2}\left(1\frac{1}{2}x - 1\frac{1}{4}\right)$$

$$= \frac{7}{16}x + \frac{1}{8} - \frac{3}{4}x + \frac{5}{8}$$

$$+ \frac{1}{\cancel{\infty/0\infty}} \Big| \frac{1}{\cancel{\infty/0}} = \frac{1}{\cancel{\infty}}$$

$$\frac{\frac{7}{16}x}{+\frac{-3}{4}x} = \frac{\frac{7}{16}x}{+\frac{12}{16}}$$

$$= \boxed{-\frac{5}{16}x + 1\frac{3}{4}}$$

$$-\frac{1}{4} \cdot -\frac{7}{4} = \frac{7}{16}$$

$$-\frac{1}{4} \cdot -\frac{9}{2} = \frac{9}{8}$$

$$-\frac{1}{2} \cdot \frac{3}{2} = -\frac{3}{4}$$

$$-\frac{1}{2} \cdot -\frac{5}{4} = \frac{5}{8}$$

$$\frac{1}{2} \left(2\frac{1}{2}m + 1 \right) + \frac{3}{2} \left(2\frac{3}{4}m + 2 \right)$$

$$= \underline{1\frac{1}{4}m} + \underline{\underline{\frac{1}{2}}} + \underline{4\frac{1}{8}m} + \underline{\underline{3}}$$

$$= 5\frac{3}{8}m + 3\frac{1}{2}$$

$$\begin{array}{r} \text{" } 2/1 \\ 4 \text{ } 1/5 \\ \text{" } 2/5 \end{array}$$

$$\begin{array}{r} \text{" } 2/1 \\ \text{" } 2/1 \\ 4 \text{ } 1/5 \\ \text{" } 4 \text{ } 1/5 \\ \text{" } 1/5 \end{array}$$

$$\begin{array}{r} \text{" } 2/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \end{array}$$

$$\begin{array}{r} \text{" } 1/1 \\ + 4 \text{ } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \\ \text{" } 1/1 \end{array}$$

HOMework:

Complete the back of Friday's BLUE worksheet

#13-24

Test on
Nov 29!

Due Tomorrow