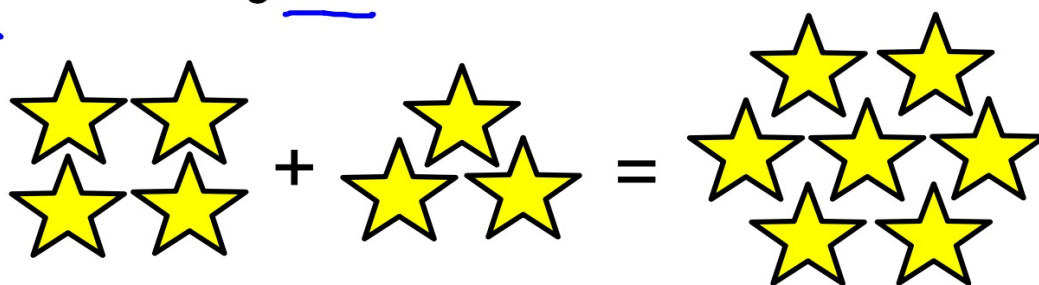


December 2, 2011

~~Get out your homework...~~

pink worksheet WS11 #1-20 all
due Monday

~~11/17~~ - Combining Like Terms
12/2



$$4s + 3s = 7s$$

$$5t + 3t = 8t$$

$$10r - 7r = 3r$$

Simplify each by combining LIKE terms:

$$\begin{array}{r} 7r + 3 + 6 \\ 7r \quad 3 \quad 6 \\ \hline 7r + 9 \end{array}$$

$$\begin{array}{r} n - 2 - 2n \\ |n - 2n \quad -2 \\ \hline -1n - 2 \\ = n - 2 \end{array}$$

$$2 - 7a + a + 9$$

$$9p + 9 - 10 - 5p$$

$$\begin{array}{r} -7a + a \quad 2 + 9 \\ \hline -6a + 11 \end{array}$$

$$\begin{array}{r} 9p \quad -5p \quad -10 + 9 \\ \hline 4p - 1 \end{array}$$

$$\begin{aligned} & \underline{-8c + 6} - \underline{2c - 4} \\ & = -10c + 2 \end{aligned}$$

$$\begin{aligned} & \underline{15k - 3} + \underline{8k - 9} \\ & = 23k - 12 \end{aligned}$$

$$\begin{aligned} & \boxed{-14} - \boxed{3d} + \boxed{8} + \boxed{12d} \\ & \quad 9d - 6 \end{aligned}$$



now with decimals...

$$\begin{array}{r} 6 \rightarrow 1.8 \\ + 1.910 \\ - 1.92 \\ \hline 5.98 \end{array}$$

$$\begin{array}{l} (1 - 1.92n - 5.6) + 7.9n \\ = 5.98n - 4.6 \end{array}$$

$$\begin{array}{r} - 5.6 \\ + 1.0 \\ \hline - 4.6 \end{array}$$

and fractions...

$$\begin{array}{r} + \cancel{\frac{4}{4}} \\ - \frac{3}{4} \\ \hline \frac{1}{4} \end{array} \quad \boxed{-\frac{3}{4}n} + \boxed{\frac{3}{10}} + \boxed{n} + \boxed{2\frac{2}{3}} = \frac{1}{4}n + 2\frac{29}{30}$$

$$\begin{array}{r} 2\frac{20}{30} \\ + \frac{9}{30} \\ \hline 2\frac{29}{30} \end{array}$$

Homework:

pink Worksheet 7

due Tuesday
