

(19)

$$-|x|$$

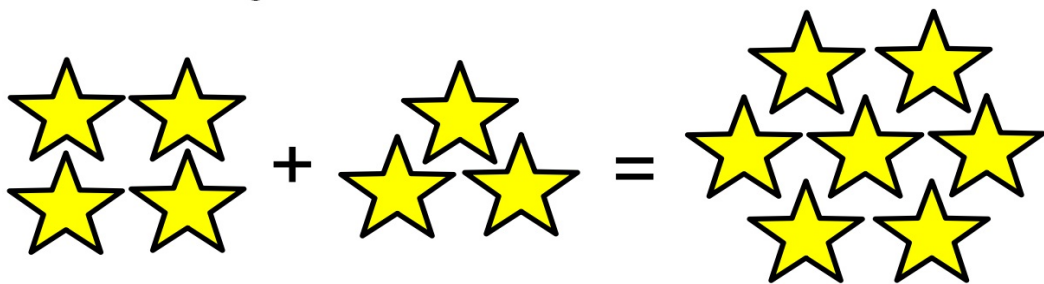
$$\frac{-2 \pm \sqrt{2^2 - 4 \cdot 1 \cdot 6}}{2 \cdot 1}$$

$$5$$

$$\frac{5}{3} \pm \frac{5}{3}$$

$$-\frac{1}{2} \pm \frac{1}{2}$$

11/17 - Combining Like Terms



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

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

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

Simplify each by combining LIKE terms:

$$7r + \underline{3} + \underline{6} = 7r + 9$$

$$\underline{1n} - 2 - \underline{2n} = -1n - 2$$
$$-n - 2$$

$$\overset{\uparrow}{2} - \underline{7a} + \underline{1a} + \overset{\uparrow}{9} = -6a + 11$$

$$\underline{9p} + 9 - 10 - \underline{5p} = 4p - 1$$

Variable
part comes
first

$$\underline{-3x} + \underline{+5} - \underline{2x} - \underline{10}$$

$$= -5x - 5$$

$$\underline{2b} - \underline{3} + \underline{8} - \underline{1b}$$

$$= b + 5$$

now with decimals...

$$\begin{array}{r} -5.4 \\ +1.0 \\ \hline -4.6 \end{array} \quad -8.09$$
$$\underline{-8.09x} + \underline{8x} = -0.09x \quad \begin{array}{r} +8.00 \\ \hline - .09 \end{array}$$

$$\underline{3.3} - \underline{4.3n} - \underline{4.8} = -4.3n - 1.5 \quad \begin{array}{r} -4.8 \\ +3.3 \\ \hline -1.5 \end{array}$$

$$\underline{1} + \underline{7.9b} + \underline{5.2b} = 13.1b + 1$$

$$\underline{1} - \underline{1.92n} - \underline{5.6} + \underline{7.9n} = 5.98n - 4.6 \quad \begin{array}{r} 7.9 \\ 5.2 \\ \hline 13.1 \\ +6 \\ \hline 19.1 \\ -1.92 \\ \hline 17.18 \end{array}$$

and fractions...

$$\begin{aligned} & 4\frac{1}{8}n - 1\frac{1}{2}n \\ & = 2\frac{5}{8}n \end{aligned}$$

$$\begin{array}{r} 3 \\ 4\frac{1}{8} \\ - 1\frac{1}{2} \\ \hline 2\frac{5}{8} \end{array}$$

$$\begin{aligned} & -1\frac{3}{8}x - \frac{1}{5} + 5\frac{2}{5}x \\ & = 4\frac{1}{40}x - \frac{1}{5} \end{aligned}$$

$$\begin{array}{r} 5\frac{2}{5} \\ - 1\frac{3}{8} \\ \hline 4\frac{1}{40} \end{array}$$

$$\boxed{-\frac{3}{4}n} + \frac{3}{10} \boxed{+n} + 2\frac{2}{3}$$

$$= \frac{1}{4}n + 2\frac{29}{30}$$

$$4\frac{3}{4}p + \frac{7}{9} + p + 1\frac{1}{2}$$

$$\begin{array}{r} \cancel{4} \\ - \frac{4}{4} \\ \hline 4 \end{array} \quad + 2\frac{2}{3} \frac{20}{30}$$

$$\begin{array}{r} + \frac{3}{10} \frac{9}{30} \\ \hline 2\frac{29}{30} \end{array}$$

Homework:

Blue Worksheet WS7
#1-30all

due Monday