

September 22, 2011

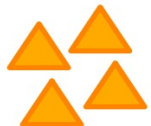



No Warm-Up today :)

Get out Wednesday's homework

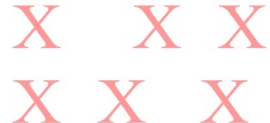



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#18-59 all

9/22
23 - Adding and Subtracting Expressions

 $+$  $=$ 4  $+$ 4 

 $+$  $=$ 6  $+$ 4 

 $+$  $=$ 6  $+$ 8 
 $6x + 8$

$$\begin{array}{r} x \\ x \end{array} \begin{array}{r} 1 \\ 1 \end{array} \begin{array}{r} x \\ x \end{array} \begin{array}{r} 1 \\ 1 \\ 1 \end{array} = 5x + 7$$

$$3x + 3 + 2x + 4 =$$

$$3n + 2 + 2n + 5 = 5n + 7$$

Variable part
first

$$4b - 2b + 3b = 5b$$

$$-v + 5 + 4v - 7 = 3v + (-2)$$
$$3v - 2$$

Simplify by combining like terms

$$(3x + 4) + (6x + 1) = 9x + 3$$

$$(4t - 2) + (5t - 3) = 9t - 5$$

$$(8x - 5) + (-3x + 2) = 5x - 7$$

$$(6k + 3) + (-2k + 4) = 4k + 7$$

$$(-\underline{2x} + \underline{3y}) + (\underline{4x} + \underline{5y})$$

$$= 2x - 2y$$

$$(\underline{3a} + \underline{4b}) + (\underline{+2a} + \underline{7b})$$

$$= \underline{5a} - \underline{11b}$$

alphabetical order

Simplify by combining like terms

$$\begin{array}{l} (\underline{0.3x} + \underline{2}) + (\underline{5} + \underline{-1.8x}) = -1.5x + 7 \\ + \frac{-1.8}{0.3} \\ \hline -1.5 \end{array}$$

$$(\underline{3b} + \underline{-5}) + (\underline{-4b} + \underline{4}) + (\underline{2b} + \underline{3}) = -3b + 2$$

Homework:

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21-46 all
write the problem
show the sign changes

due: Wednesday