

Clues: Remember how the FNLN principle applies to adding things that *already* have the same Last Name: that 6 **dogs** + 5**x** + 4 **dogs** + 3**x** = 10 **dogs** + 8**x**. We look to combine things that *already* have the same LN!

- *Build pieces* for each part of the problem **only for #1 thru #4**. Then combine the amounts by addition.
- *Write symbols* for the sum **for all problems**. You have to write the x^2 and x 's for some problems.
- Note well: the custom is to write sums with the x^2 's first, then the x 's, then the ones.

Ex.A. $\begin{array}{r} 2x^2 + 5x + 6 \\ + 3x^2 + 7x + 9 \\ \hline 5x^2 + 12x + 15 \end{array}$	Ex.B. $(4x^2 + 2x + 3) + (7x + 7 + 2x^2) = 6x^2 + 9x + 10$
1.) $\begin{array}{r} 2x^2 + 5x + 6 \\ + 3x^2 + 7x + 9 \\ \hline _x^2 + _x + _ \end{array}$ Built Right? Yes No Written Right? Yes No	2.) $(1x^2 + 4x + 3) + (1 + 2x + 4x^2) = _x^2 + _x + _$ Built Right? Yes No Written Right? Yes No
3.) $\begin{array}{r} 5x^2 + 2x + 6 \\ + 2x^2 + 5x + 9 \\ \hline _x^2 + _x + _ \end{array}$ Built Right? Yes No Written Right? Yes No	4.) $(1x + 3x^2 + 2) + (1x^2 + 2x + 3) = _x^2 + _x + _$ Built Right? Yes No Written Right? Yes No
5.) $\begin{array}{r} 1x^2 + 4x + 7 \\ + 1x^2 + 7x + 4 \\ \hline _ _ _ \end{array}$ Written Right? Yes No	6.) $(2x^2 + 5 + 8x) + (5x + 8 + 9x^2) = _ _ _$ Written Right? Yes No
7.) $\begin{array}{r} 7x^2 + 5x + 1 \\ + 5x^2 + 1x + 7 \\ \hline _x^2 + _x + _ \end{array}$ Written Right? Yes No	8.) $(4x + 3 + 1x^2) + (1 + 4x^2 + 2x) = _ _ + _ _ + _ _$ Written Right? Yes No
9.) $\begin{array}{r} 12x^2 + 51x + 14 \\ + 23x^2 + 24x + 24 \\ \hline _ _ + _ _ + _ _ \end{array}$ Written Right? Yes No	10.) $(7x + 8 + 6x^2) + (8 + 7x + 6x^2) = _x^2 + _x + _$ Written Right? Yes No
11.) $\begin{array}{r} 6x^2 + 15x + 13 \\ + 8x^2 + 17x + 32 \\ \hline _ _ _ \end{array}$ Written Right? Yes No	12.) $(4x + 7 + 9x^2) + (7 + 4x + 9x^2) = _ _ _$ Written Right? Yes No
13.) $\begin{array}{r} 21x^2 + 50x + 16 \\ + 32x^2 + 40x + 81 \\ \hline _x^2 + _x + _ \end{array}$ Written Right? Yes No	14.) $(11x^2 + 40x + 32) + (13x^2 + 20x + 16) = _ _ + _ _ + _ _$ Written Right? Yes No