

# Math Notes Organization Example

Here is an example of how one could successfully organize math notes.

Key Words	Examples	Explanation/Rules
Addition Method of solving a system of equations. Solution to a 2 X 2 system.	$2x + 3y = -11$ $-4x - 2y = -6$ $2 [2x + 3y = -11]$ $-4x - 2y = -6$ $4x + 6y = -22$ $-4x - 2y = -6$ $4y = -28$ $y = -7$ $2x + 3(-7) = -11$ $2x - 21 = -11$ $2x = 10$ $x = 5$ $(5, -7)$	Equation 1 Equation 2 Multiply equation 1 by 2 so that the x terms in the two equations have opposite coefficients.  Now add equation 1 to equation 2. Solve for y. Substitute the value for y in one of the equations and then solve for x.  Put the x and y value into an ordered pair.