

## Four-Fold Organizer

### Words/Clues/Terms:

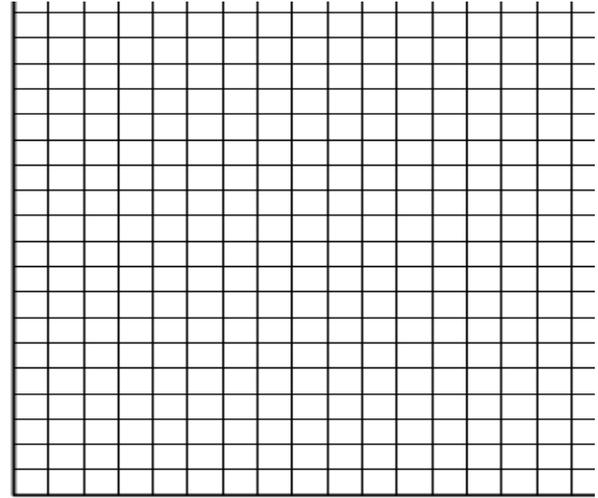
$$y \leq x + 3$$

$$3x + 2y < 6$$

	Shade up or down?	Solid or broken line?	y-intercept?
$y \leq x + 3$			
$3x + 2y < 6$			

### Visual Representation:

Graph and label each inequality



•Identify 5 solution points

•Graph  $x - 2y \leq 2$  Are your 5 points still solutions? Write yes or no for each.

### Summary:

Did the number of your solutions decrease or remain the same when you graphed the third inequality? Why or why not?