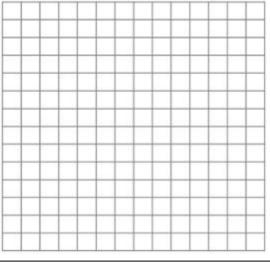
Nam	ne
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## 12-6: Graphing Inequalities in Two Variables Notes

## Graphing One-Variable Linear Inequalities – OLD STUFF!

Inequality Symbo	ls:			
Check the following $x = 8$	ing solutions for x < 6: x = -4	x = 0	x = 6	x = 25
				means ally, a one-dimensional solutio
would be graphe	ed on a		·	
	ution for the example x			
Check the following $y = 3$	ing solutions for $y \ge 3$ : y = -4	y = -3	y = 0	y = -25
	ution for the example y	y ≥3 is:		
< + + + + +	Graphing Two	-Variable Linea	ır Inequalities – NEV	<u>N STUFF!</u>
Check the followi (2, -9)	ing solutions for the 2-vo (-3, 1)	ariable inequality (0, 2)	y > x + 4 (note how the (-1, 3)	e solutions look different):
	nensional solution wou			
Inequality Symbo	ls:			

The graphical solution for the example y > x + 4 is:



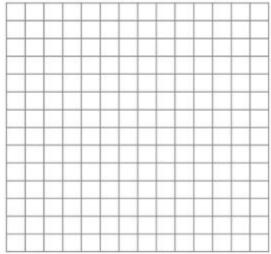
Shading Check:

The graphical solution for the example  $y \le 3x$  is:

_					
_					
_					
-		++			
-	++-	++	++	++-	++
		+		$\square$	
-					

Shading Check:

The graphical solution for the example  $y \ge \frac{1}{2}x - 2$  is:



Shading Check:	

The graphical solution for the example  $y < \frac{3}{4}x - 1$  is:

