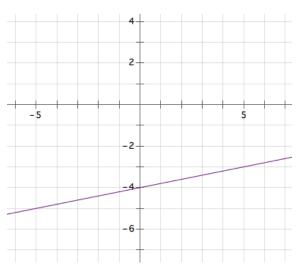
## Ready, Set, Go!

## Ready

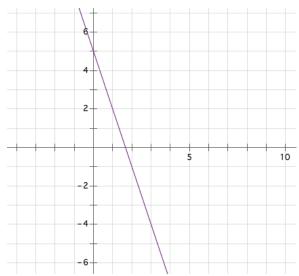
For each inequality and graph, pick a point and use it to determine which half-plane should be shaded, then shade the correct half-plane.

$$1. y \le \frac{1}{5}x - 4$$

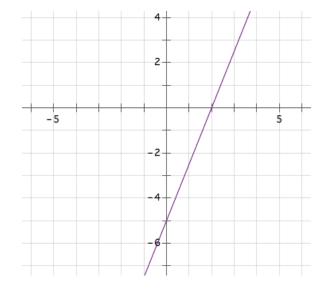




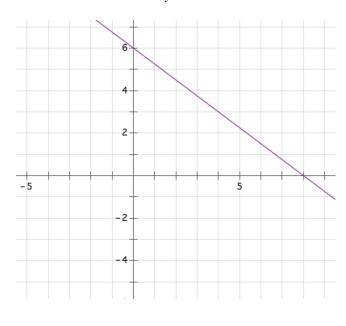
2. 
$$y \ge -3x + 5$$



$$3. \qquad 5x - 2y \le 10$$



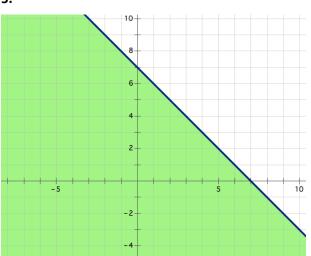
$$4. \qquad 3x + 4y \ge 24$$



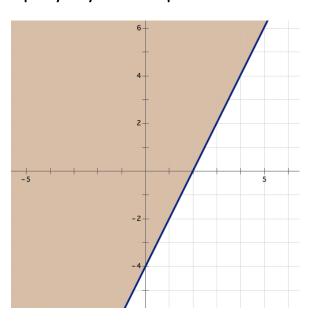
Set

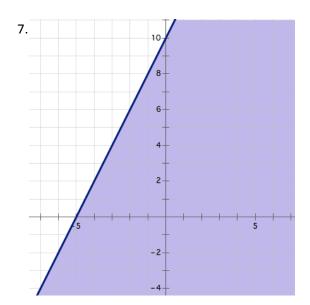
Given the graph with the regions that are shaded write the inequality or system of inequalities.

5.



6.





## Go

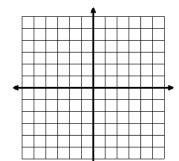
Graph the following inequalities.

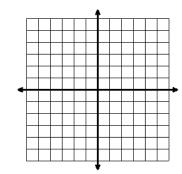
$$8. \quad y \le 3x - 4$$

9.

$$y < -2x + 3$$

$$y \ge 4x - 3$$

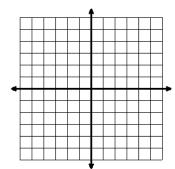


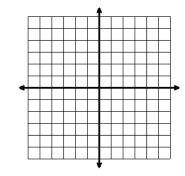


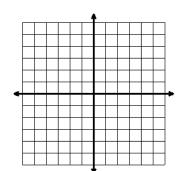
11. 
$$3x + 4y < 12$$

$$5x + 4y \le 25$$

$$3. \qquad 6x + 8y \le 24$$







Graph the following equations and inequalities by finding their x and y intercents

Graph the following equations and inequalities by finding their x and y intercepts.			
1.	2y + 4x = 10	-2x + y = 1	
			5
	y-intercept:	y-intercept:	
			-5
	x-intercept:	x-intercept:	5
			-5
2.	y + 2x = 6	4x + 2y = 12	<u> </u>
			5
I	y-intercept:	y-intercept:	
I			
			_5
	toka manuk		1 4 1 1 1 1 1 1 1 5 1
	x-intercept	x-intercept:	
			5
3.	3x + 6y = 12	4x + 8y = 8	5
	v intercent	intarcant.	
	y-intercept:	y-intercept:	
			-5
	x-intercept	x-intercept	5
	A meer cope	A micercopt	
I			
I			5
<u> </u>		2 0 10	
4.	y + x = 6	3y - 9x = -18	5
I	v intercent:	v intercent:	
I	y-intercept:	y-intercept:	
I			
I			-5
I	x-intercept	x-intercept	5
I	A microcpt	х інсегсерс	
I			
I			5