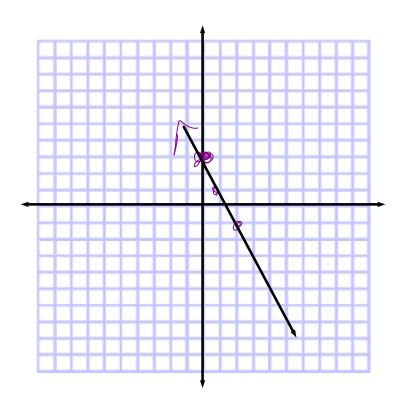
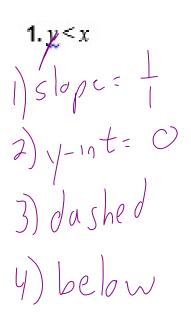
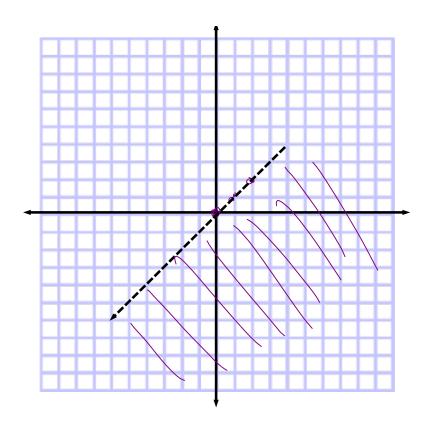
Bell Work



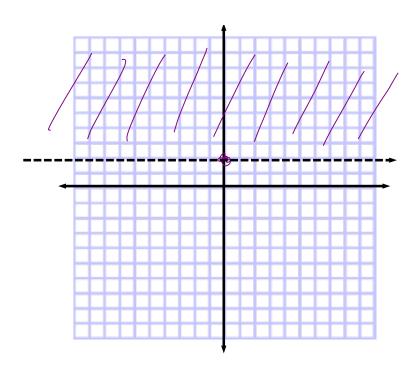
Two-Variable Inequalities

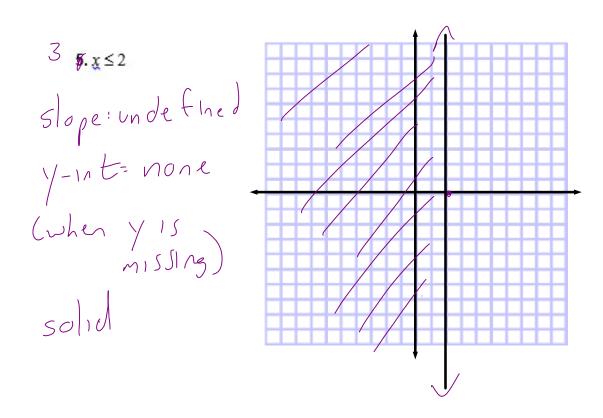
Graph each inequality.

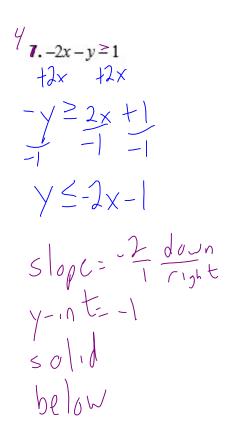


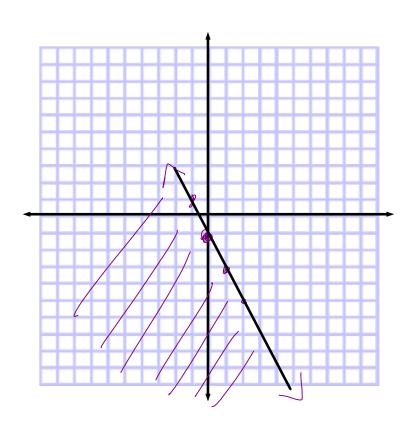


2 slope = 0 Y-Int=2 dashed above



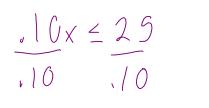






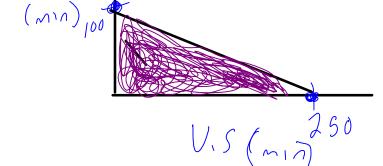
- 9. You have a \$25 calling card. Calls made using the card within the United States cost \$.10 per minute while calls made from the US to France cost \$.25 per minute.
 - a. Write an inequality that relates the number of minutes x you can use for calls within the U.S. and the number of minutes y you can use for calls from the U.S. to France.
 - b. Graph the inequality.

.10x+,25y < 25

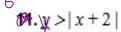


X < 250 min

25 < 25 ,25 ,25 y \le 100 min



Graph each absolute value inequality.

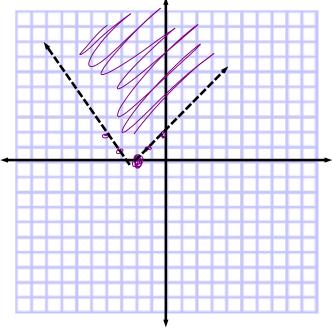


6 |x| > |x+2| |x+2| |x+2|

(-2,0)

Slope = 1

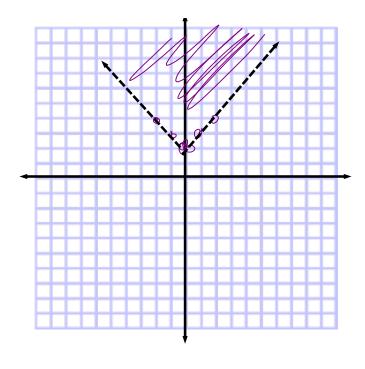
dashed
above the
Vertex



Vertex
(0,2)

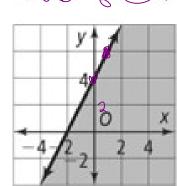
slope = +

dashed
above



Write an inequality for each graph. The equation for the boundary line is given.

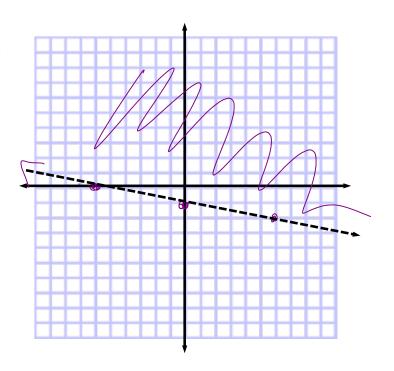




slope = = 2 Y-Int = 4 Y = 2x + 4

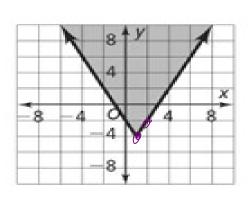
Graph each inequality on a coordinate plane.

9)
$$(y) - \frac{1}{6}x - 1$$



Write an inequality for each graph.

10)



vertex (1,-4) slope == 2

y = 2 \ X-1 (-4