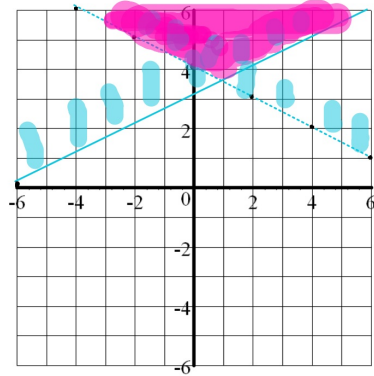


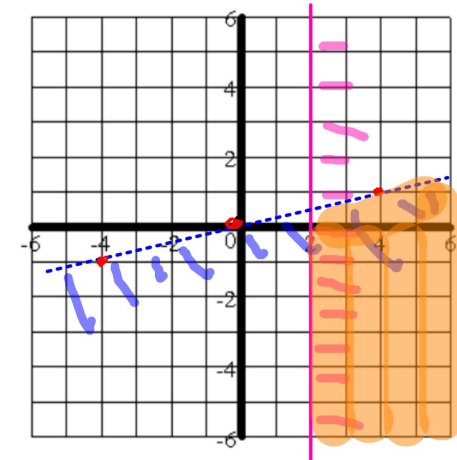
# Bellwork Thursday, April 3, 2014

Graph each system of inequalities. Shade the solution region with a highlighter or a colored pencil.

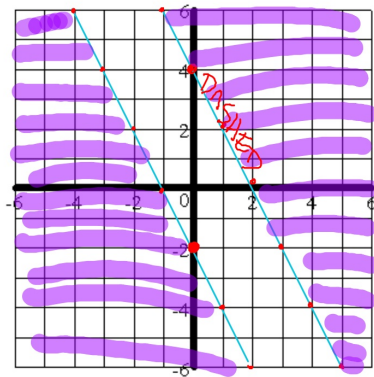
1.  $y > -\frac{1}{2}x + 4$   
 $4x - 8y \leq -24$



2.  $x \geq 2$   
 $y < \frac{1}{4}x$

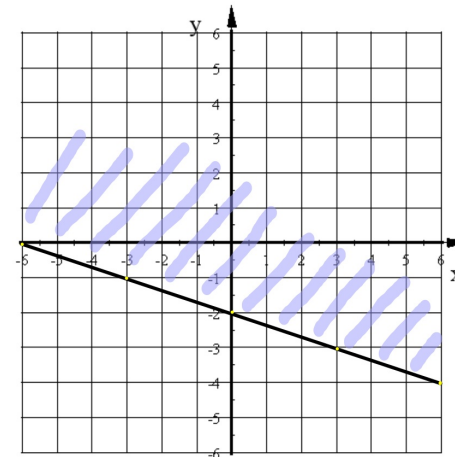


3.  $10x + 5y > 20$   
 $12x + 6y \leq -12$



$5y > 20 - 10x$   
 $12x + 6y \leq -12 - 12x$   
 $y < -2 - 2x$   
 $y > 4 - 2x$   
No Sol

4. Model this graph with an inequality.



$y \geq -2 - \frac{1}{3}x$