

Topic 2.7  
 Linear Inequalities  
 Homework

Name: \_\_\_\_\_

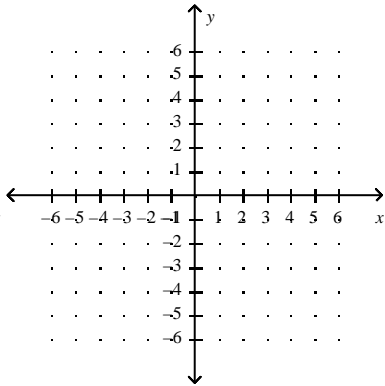
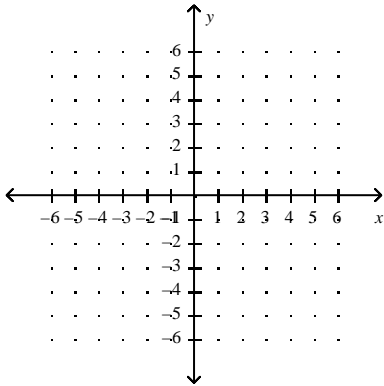
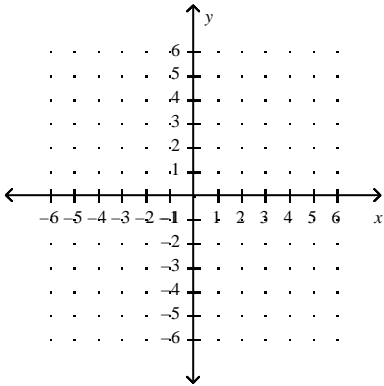
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**Graph the linear inequality.**

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

2.  $y \leq 2x + 1$

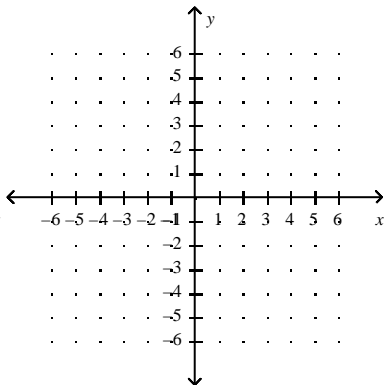
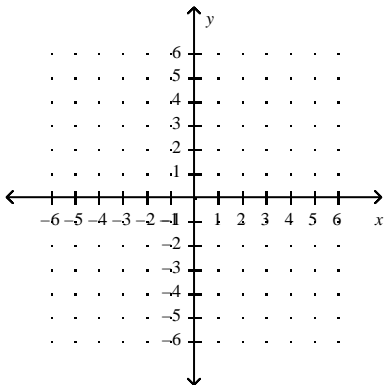
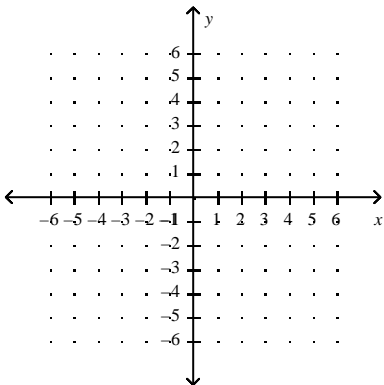
3.  $y > \frac{1}{4}x - 2$



4.  $3x - 4y < 8$

5.  $x + 6 < 3y$

6.  $x + 2y > -6$



7.  $y > |x + 2|$

8.  $y < |x| + 3$

9.  $y \leq |-2x + 1|$

