

Name _____ Date _____ Period _____

Graphing Linear Inequalities in Two Variables

Graph the following on a rectangular coordinate system.

1. $y > x + 1$

2. $y < -2x + 1$

3. $y \leq 3x - 3$

4. $y > -x - 2$

5. $2x - y \geq 6$

6. $x - y < 5$

7. $2x - 2y \leq 6$

8. $5x + 2y > 10$

9. $x > 3$

10. $y \leq -4$

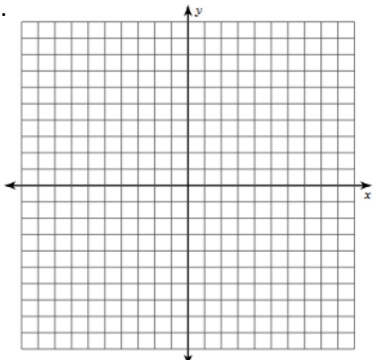
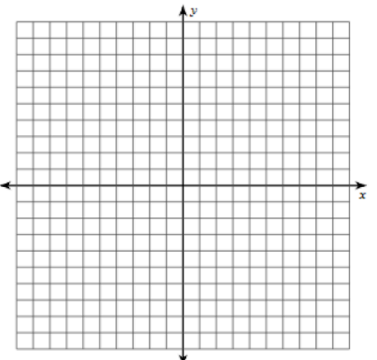
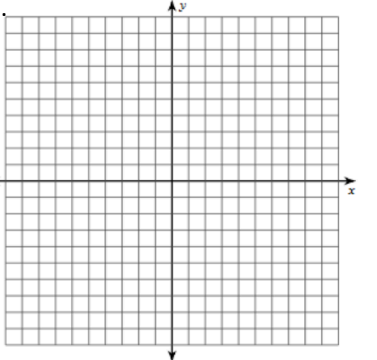
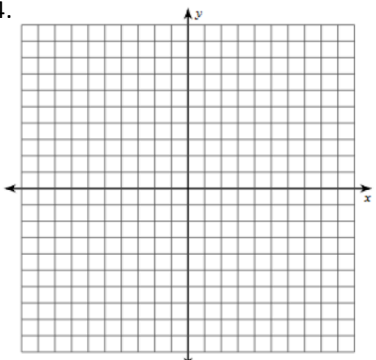
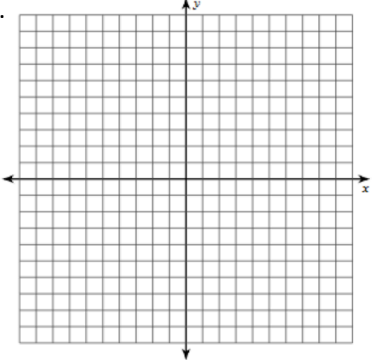
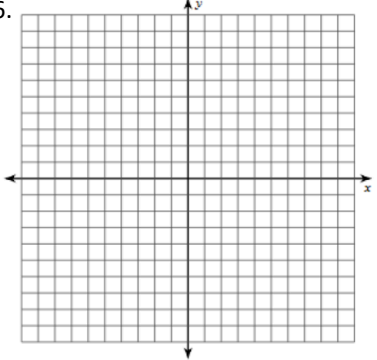
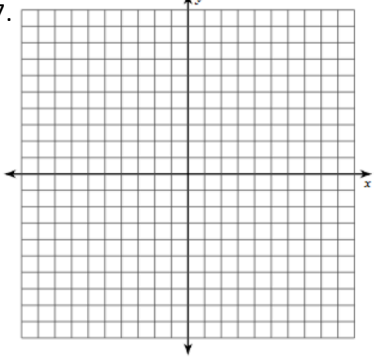
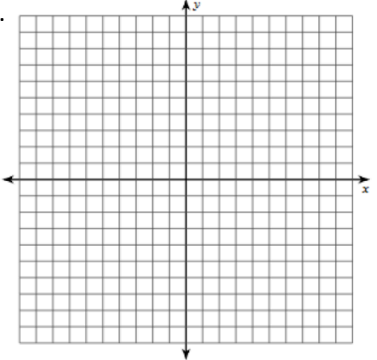
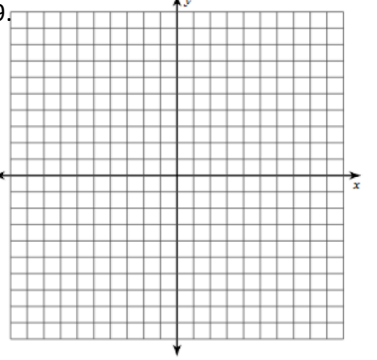
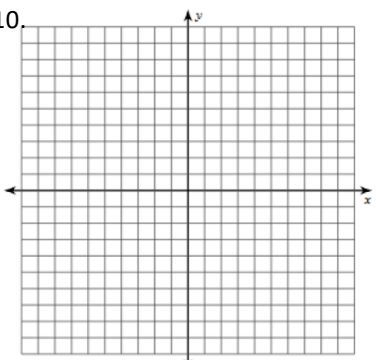
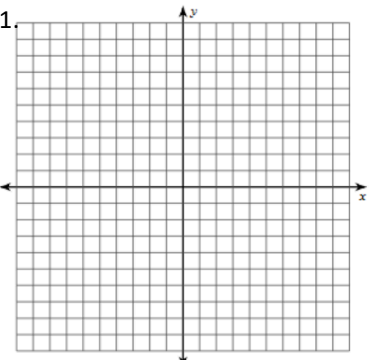
11. $-2y \geq 8$

12. $x + 1 < -2$

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Write the equation and specify dashed or solid line. Show proper shading.

1. 	2. 	3. 
4. 	5. 	6. 
7. 	8. 	9. 
10. 	11. 	12. 