Name:	Date:
Topic:	Class:

Main Ideas/Questions	Notes/Examples

Standard Form

Linear equations are also frequently written in **standard form**:

$$Ax + By = C$$

We will convert these equations to **slope-intercept form** in order to graph. To do this, you must solve the equation for y.

Steps to Convert

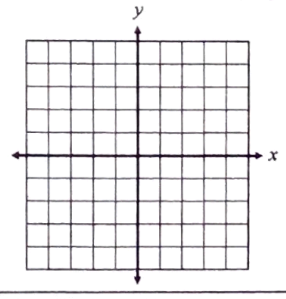
Examples

Directions: Rewrite each equation in slope-intercept form.

1. $x + y = -2$	**2.** $-4x + y = 5$
3. $5x + 6y = 12$	**4.** $-2x + 6y = -24$
5. $3x - 5y = 5$	**6.** $x - 2y = 16$

Graphing Practice

Directions: Rewrite each equation in slope-intercept form, then graph.

Convert	Graph
8. $3x + y = 5$	

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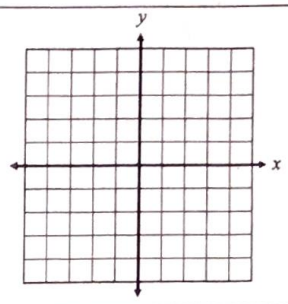
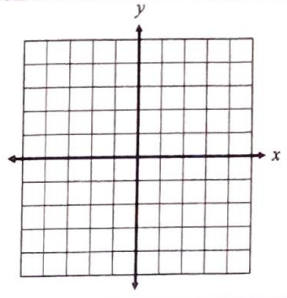
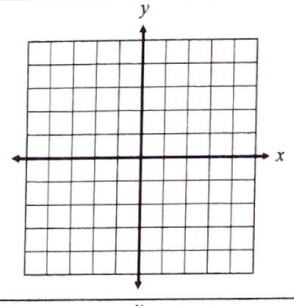
9. $-2x + y = -1$



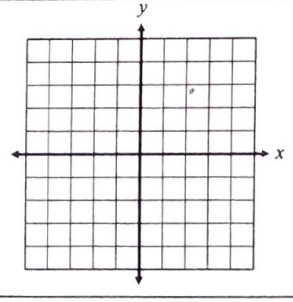
10. $5x + 2y = 6$



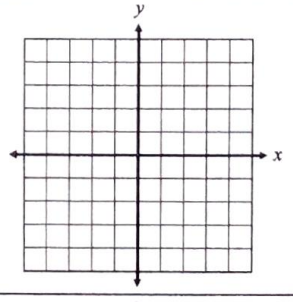
11. $x + 2y = -6$



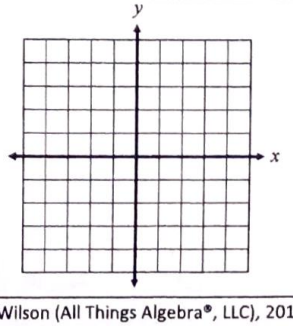
12. $x - y = 5$



13. $-8x - 12y = 0$



14. $x - 4y = -4$



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