

Algebra I Worksheet #7 Unit 6 page 1 _____

For each of the following equations:

(a) find its slope,

(b) find its y-intercept, and

(c) sketch its graph. Label each graph with its equation.

1. $y = 2x + 1$

(a) _____ (b) _____

2. $y = -3x + 1$

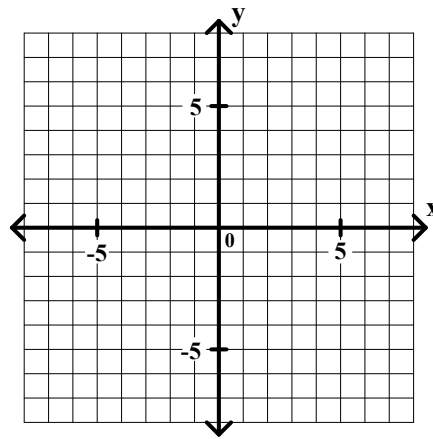
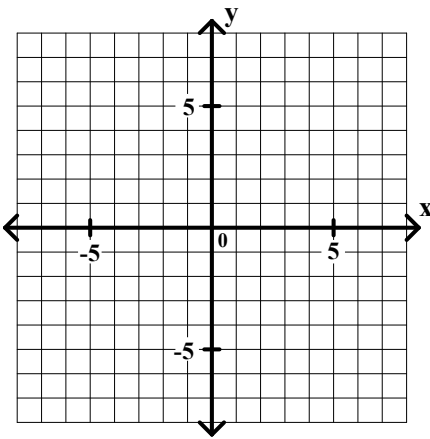
(a) _____ (b) _____

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

(a) _____ (b) _____

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

(a) _____ (b) _____



Graph each of the following equations. Use the equation to label each graph.

5. $x - 3 = 0$

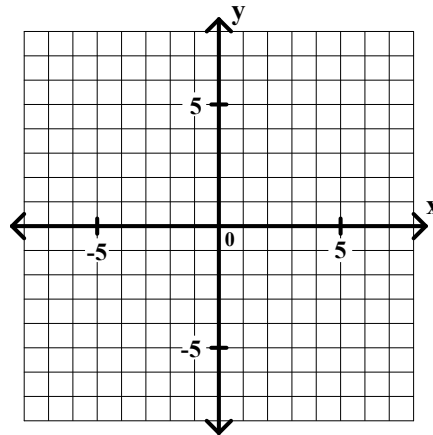
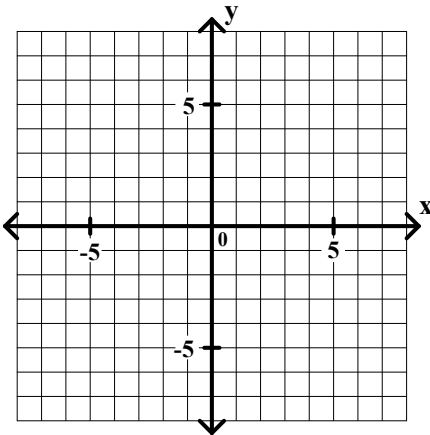
6. $2x + y = 1$

7. $3x - y = 3$

8. $y + 3 = 0$

9. $2x - 3y = 9$

10. $x + 2y = 4$



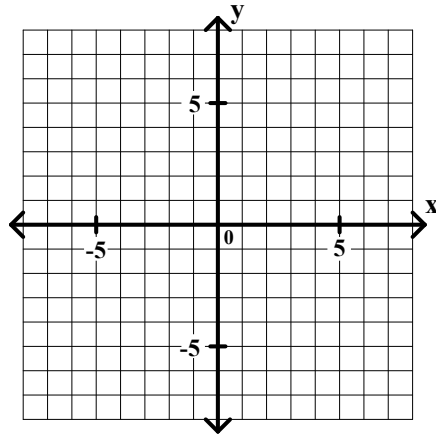
Algebra I Worksheet #7 Unit 6 page 2

Graph each of the following equations. Use the equation to label each graph.

11. $x + 4 = 0$

12. $5x + 2y = -4$

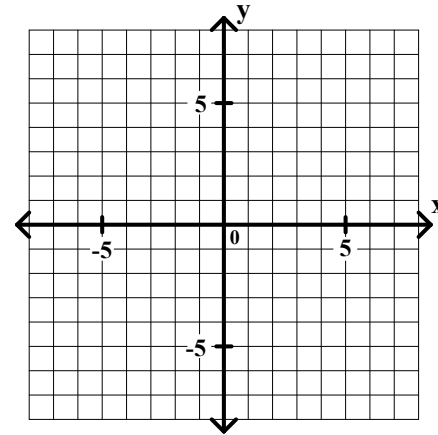
13. $3x - 2y = 6$



14. $y - 2 = 0$

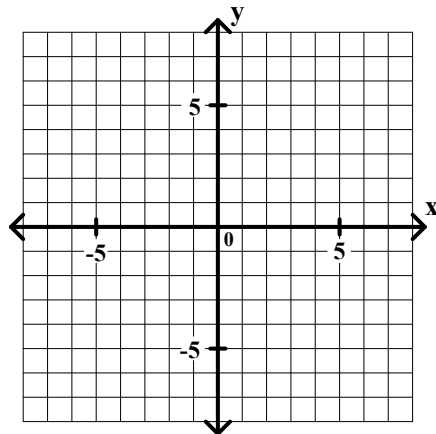
15. $2x + 3y = 9$

16. $3x - 5y = -5$



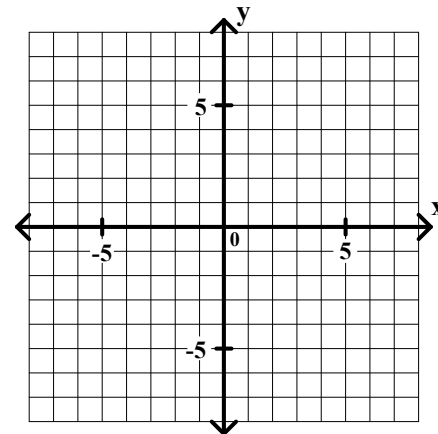
17. $x + 5y = 10$

18. $x - 3y = -6$



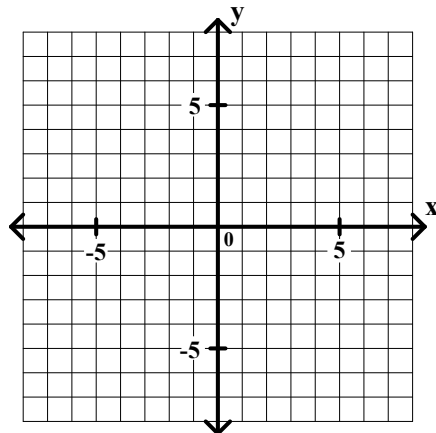
19. $x + 2y = -8$

20. $x - 4y = 8$



21. $3x + 5y = 0$

22. $5x - 2y = 0$



23. $x - y = 3$

24. $x + y = -5$

