

Name: _____

Unit 4: Linear Equations

Date: _____ Bell: _____

Quiz Review

Identify the following formulas:

1. Slope Formula

1. _____

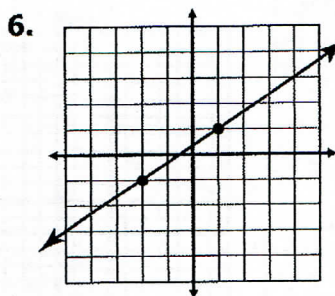
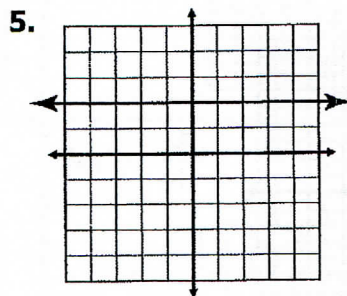
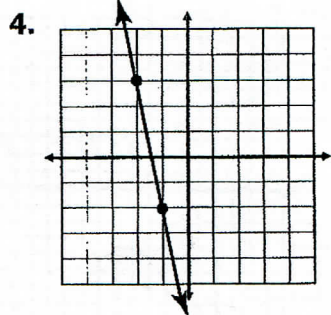
2. Slope-Intercept Form

2. _____

3. Standard Form

3. _____

Find the slope given the following graphs:



4. _____

5. _____

6. _____

Find the slope given the following ordered pairs:

7. (-2, -1) and (-4, -7)

8. (2, -3) and (6, -13)

7. _____

8. _____

9. (-3, 4) and (-3, -8)

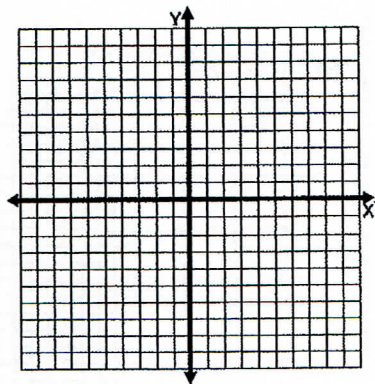
10. (-5, 7) and (3, -1)

9. _____

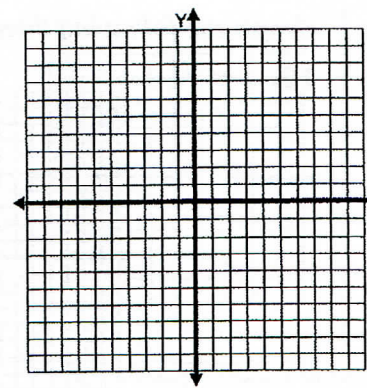
10. _____

Graph the following equations by slope-intercept form.

11. $y = -3x + 8$

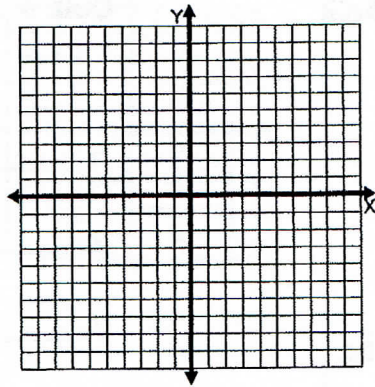


12. $y = \frac{4}{5}x - 1$

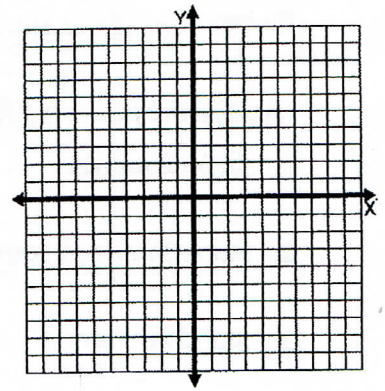


Graph the following equations by converting to slope-intercept form. **SHOW ALL WORK!**

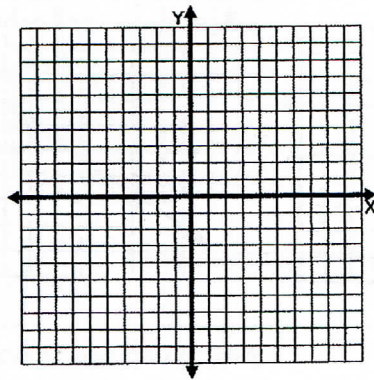
13. $8x - 2y = -14$



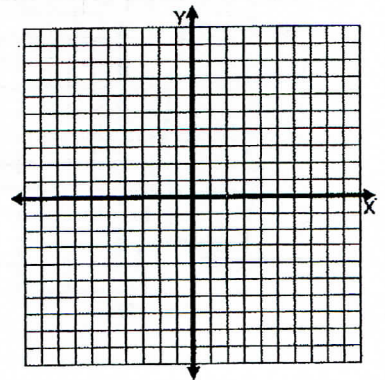
14. $x + y = 2$



15. $6x + 8y = -32$

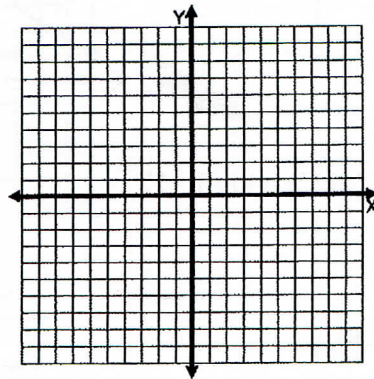


16. $x - 2y = 0$

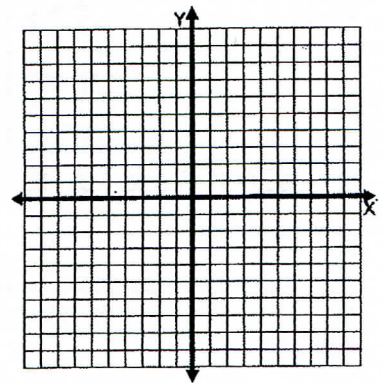


Graph the following equations by identifying x- and y-intercepts. **SHOW ALL WORK!**

17. $8x - 4y = 16$

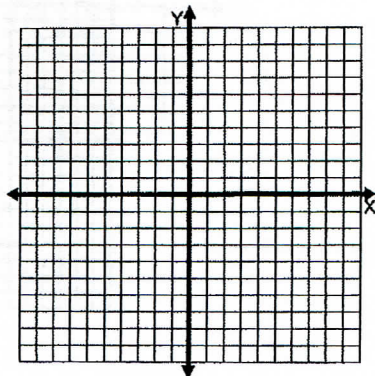


18. $3x - y = 3$

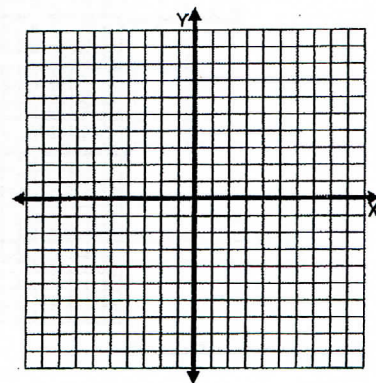


Graph the following linear equations:

19. $x = 7$

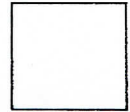


20. $y = -2$



Name: _____

Unit 4: Linear Equations



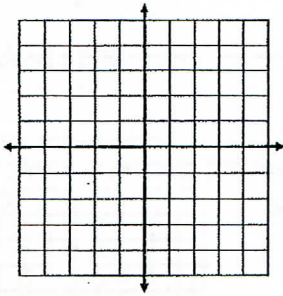
Date: _____ Bell: _____

Homework 3: Graphing Linear Equations
(Day 1)

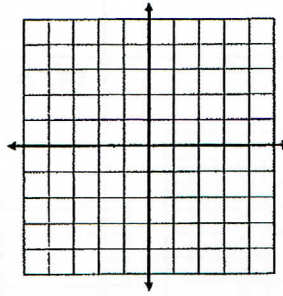
**** This is a 2-page document! ****

Graph the following linear equations. Convert to slope-intercept when necessary.

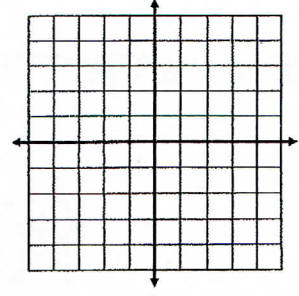
1. $y = -\frac{2}{5}x - 3$



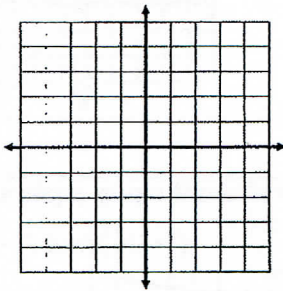
2. $y = \frac{1}{2}x + 2$



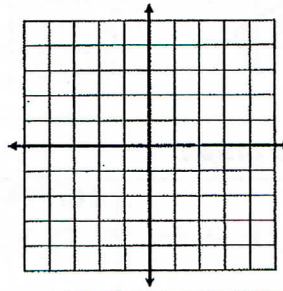
3. $y = 6x - 5$



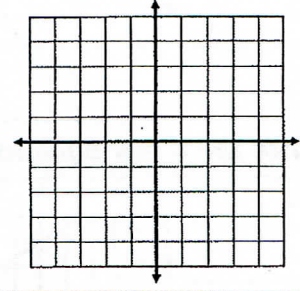
4. $y = -x + 1$



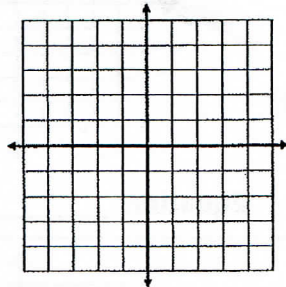
5. $y = -\frac{3}{4}x$



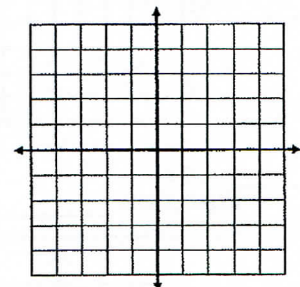
6. $y = -\frac{5}{4}x - 3$



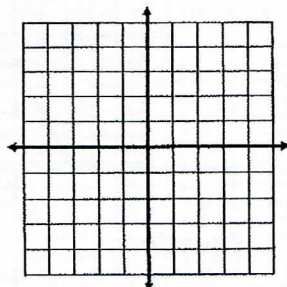
7. $5x - 4y = -20$



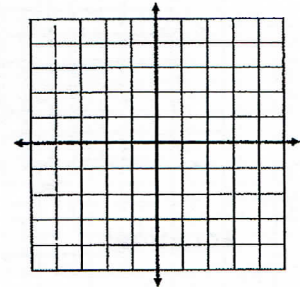
8. $2x - 10y = 20$



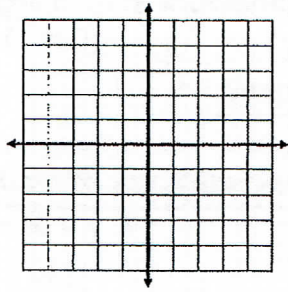
9. $x - y = -4$



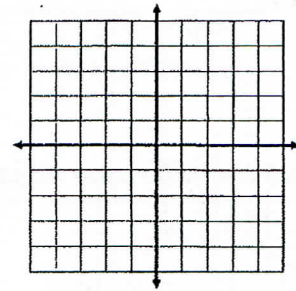
10. $6x - 2y = 10$



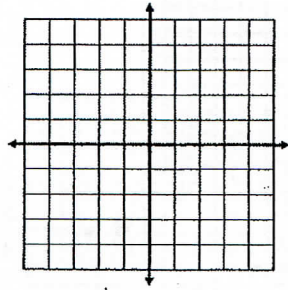
11. $3x + 4y = -12$



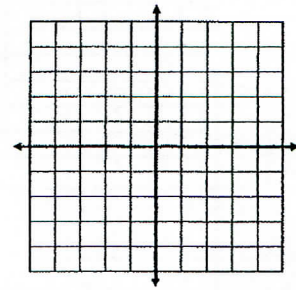
12. $4x - y = 1$



13. $12x + 8y = 24$

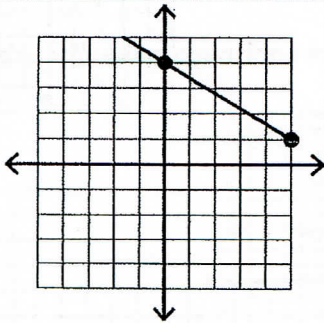


14. $7x + 2y = 8$



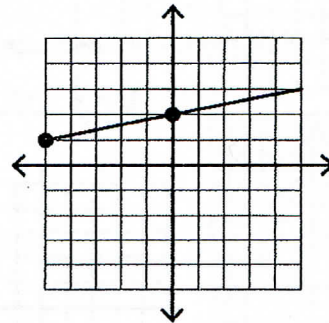
Write the linear equation given the graph.

15.



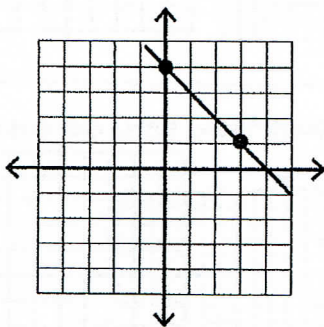
Equation: _____

16.



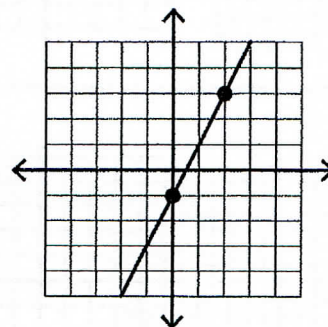
Equation: _____

17.



Equation: _____

18.



Equation: _____