

Name: _____

Unit 4: Linear Equations



Date: _____ Bell: _____

Homework x- and y-Intercepts

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

Directions: Find the x-intercept and y-intercept of each equation algebraically.

1. $y = -2x + 6$

x-int: _____

y-int: _____

2. $y = x - 7$

x-int: _____

y-int: _____

3. $y = \frac{3}{2}x - 9$

x-int: _____

y-int: _____

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

x-int: _____

y-int: _____

5. $-x + y = -5$

x-int: _____

y-int: _____

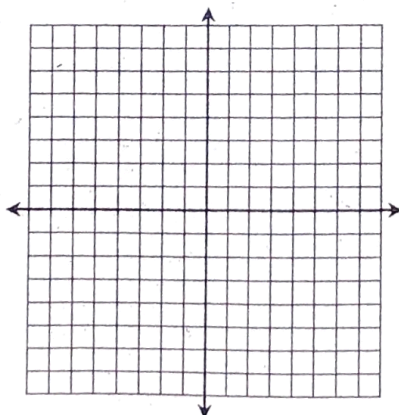
6. $x + 2y = -14$

x-int: _____

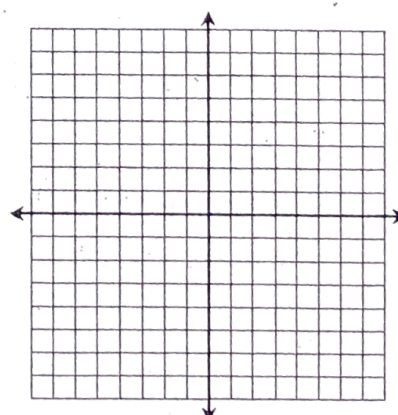
y-int: _____

Directions: Graph each equation by finding its x-intercept and y-intercept.

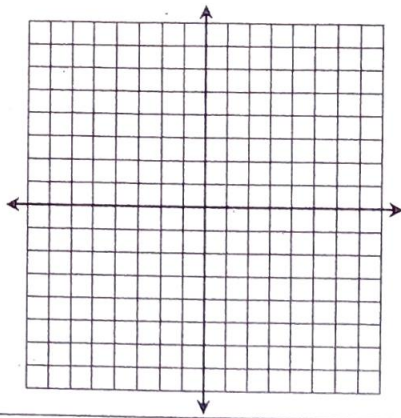
7. $3x - y = -3$



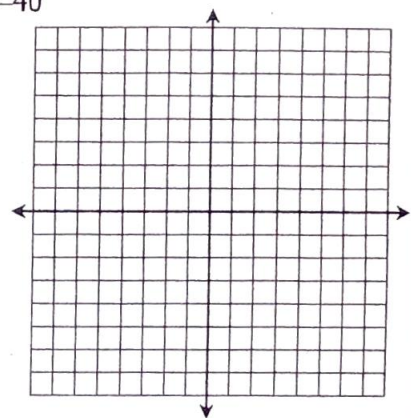
8. $5x + 3y = 15$



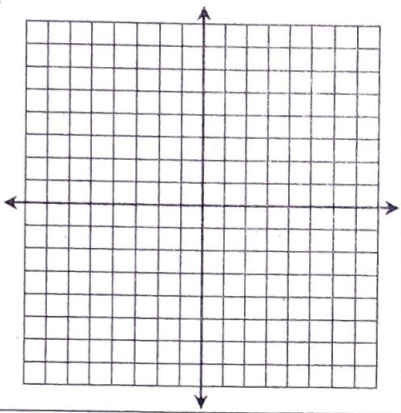
9. $x - 4y = 8$



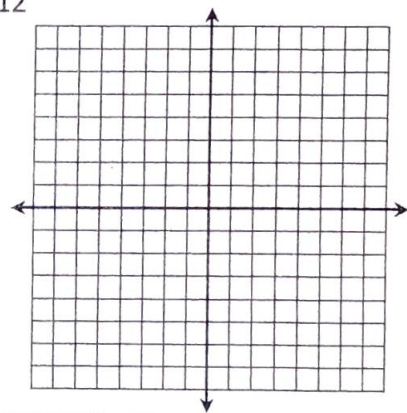
10. $10x + 8y = -40$



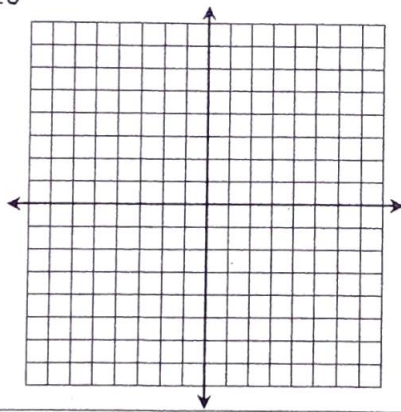
11. $4x - 6y = 12$



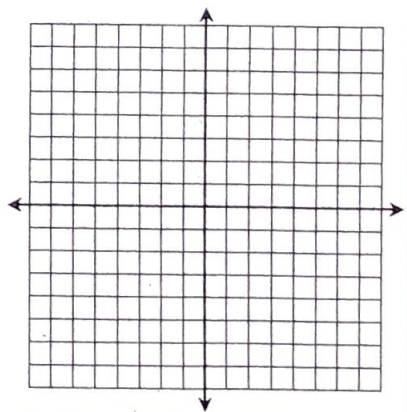
12. $-3x + 6y = 12$



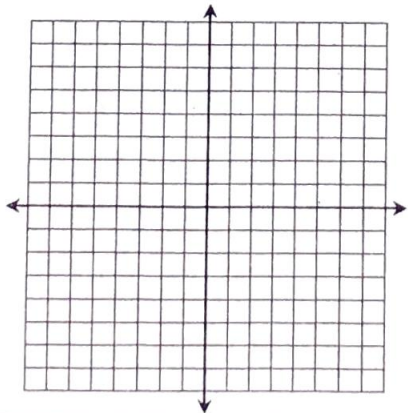
13. $-2x - 5y = 10$



14. $x - y = 1$



15. $2x + 3y = 9$



16. $5x - y = -2$

