

Algebra I
HW 4-7 Standard form

Name _____
Date _____ Per _____

Find the x - and y -intercepts of each equation.

1. $x + y = 3$

2. $-2x + 3y = 6$

3. $3x + y = 12$

Write each equation in standard form using integers.

4. $y = 4x - 11$

5. $y = -2x - 3$

6. $y = \frac{2}{3}x - \frac{25}{3}$

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

8. $y + 2 = -\frac{1}{2}(x - 6)$

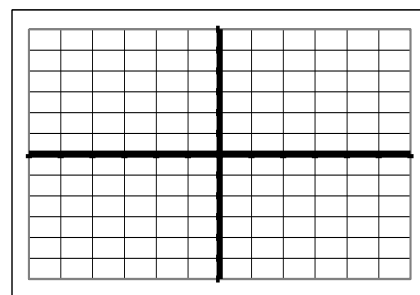
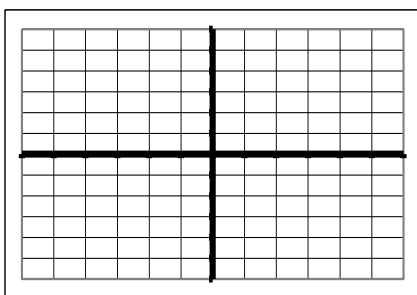
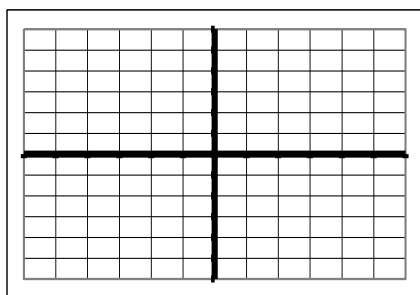
9. $y = -\frac{x}{5}$

Graph each equation using x - and y -intercepts.

10. $3x + y = 3$

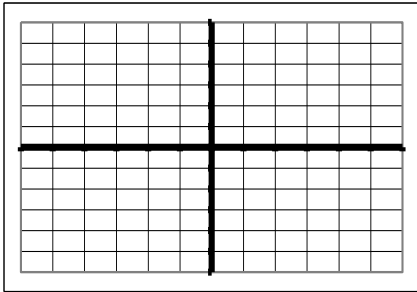
11. $-3x + 5y = 15$

12. $2x + y = 3$

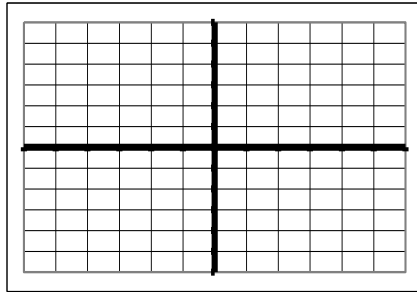


Graph each equation any way you would like ☺

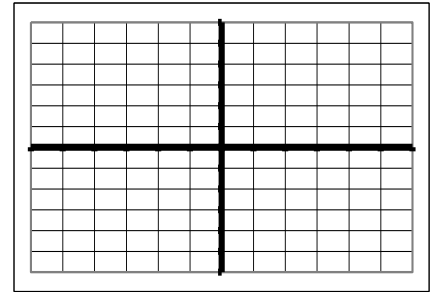
13. $8x - 3y = 24$



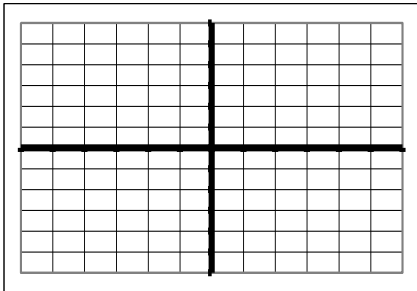
14. $x = -3.5$



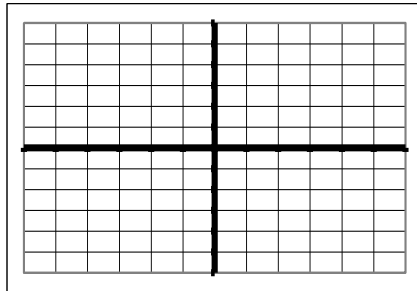
15. $y = 6$



16. $y = 4x - 2$



17. $-3x + 2y = 6$



18. $y - 1 = \frac{1}{2}(x + 2)$

