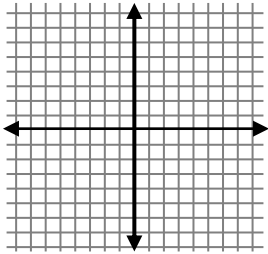
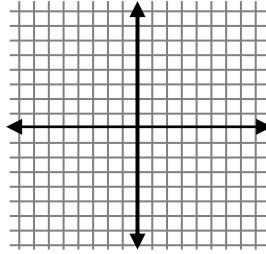


Graph each line on axes below. Show all work necessary.

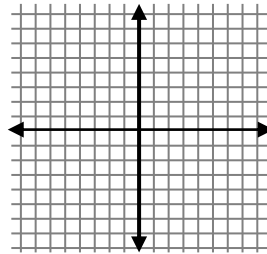
1. $y = -\frac{2}{3}x + 5$



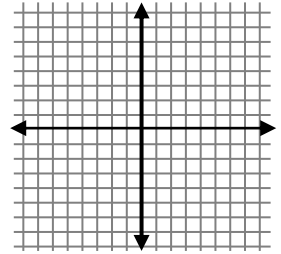
2. $y = -x + 4$



3. $2x - 3y = 12$



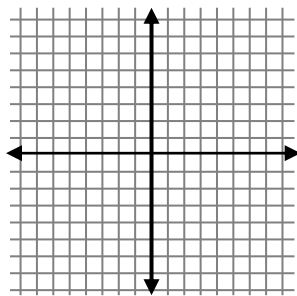
4. $4x - y = -8$



Solve each system by GRAPHING. Show all necessary information. Label axes.

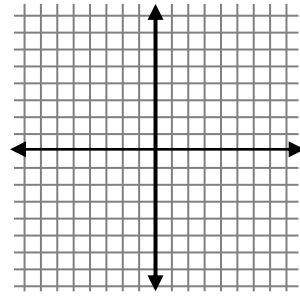
5. $y = 2x - 3$

$y = -x + 3$



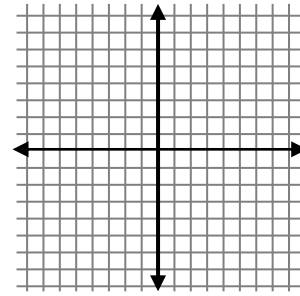
6. $y = -\frac{1}{4}x + 3$

$2x - y = 6$



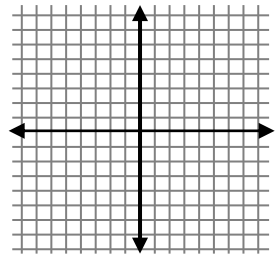
7. $y = \frac{3}{2}x - 3$

$y = -\frac{2}{3}x + 10$

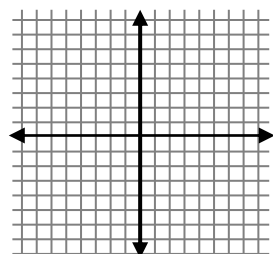


Graph each inequality on axes below. Show all work necessary.

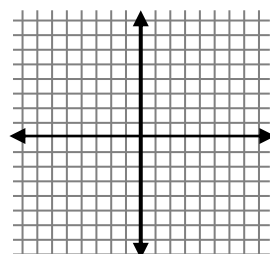
8. $y > \frac{2}{3}x - 5$



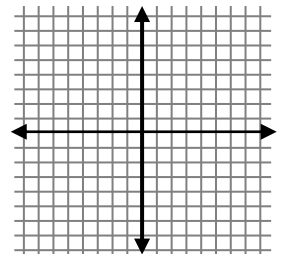
9. $y \leq -\frac{2}{3}x + 5$



10. $2x - 3y > 12$



11. $4x + y \geq -4$



Solve each system by SUBSTITUTION. Show all work.

12. $y = 2x - 3$

$y = -x + 3$

13. $y = x - 3$

$2x + 3y = 4$

14. $2x - 3y = 12$

$x = -y + 11$

Solve each system by ELIMINATION. Show all work.

$$\begin{aligned} 15. \quad x + 3y &= 5 \\ 3x - 3y &= -9 \end{aligned}$$

$$\begin{aligned} 16. \quad 2x - y &= 1 \\ x + 4y &= 14 \end{aligned}$$

$$\begin{aligned} 17. \quad 2x + 3y &= 3 \\ 5x + 2y &= -9 \end{aligned}$$

$$\begin{aligned} 18. \quad 6x - y &= 9 \\ 4x - 2y &= -2 \end{aligned}$$

$$\begin{aligned} 19. \quad -2x + 3y &= -8 \\ x - 2y &= 6 \end{aligned}$$

$$\begin{aligned} 20. \quad x + y &= 7 \\ 6x - 4y &= 2 \end{aligned}$$

Review:

1. Find the slope of the line passing through the points $(-2, 5)$ and $(-6, -9)$.

2. Write an equation of a line (in slope-intercept form) perpendicular to the equation $y = 3x - 5$ and contains the point $(6, 2)$.

3. Write in slope-intercept form: $5x - 6y = 18$.

4. Solve: $7(x - 2) - (2x - 5) = 11$

5. Solve $9 - 2x < 5 - 5x$