

Review: Rewrite Equations, Solve Systems by graphing and algebra**Write the standard form of the equation of each line.**

1) $y = \frac{3}{4}x - 3$

2) $y = -\frac{1}{4}x - 1$

3) $y = \frac{5}{6}x + 1$

4) $y = -\frac{3}{4}x - 1$

Write the slope-intercept form of the equation of each line.

5) $x - 5y = 36$

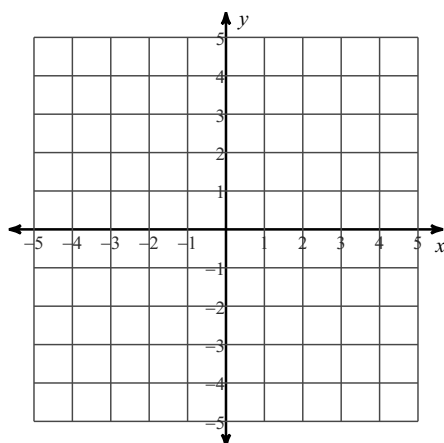
6) $4x - 5y = 35$

7) $9x + 5y = -25$

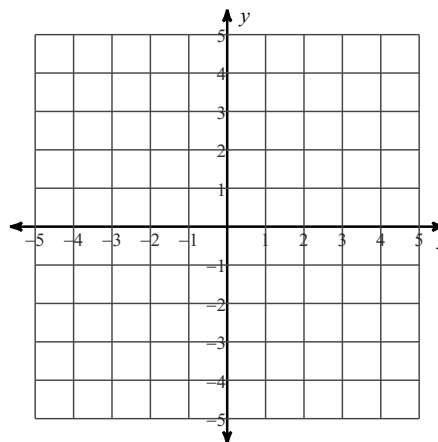
8) $3x + 7y = -21$

Solve each system by graphing.

9) $y = -\frac{1}{4}x - 1$
 $y = -x + 2$

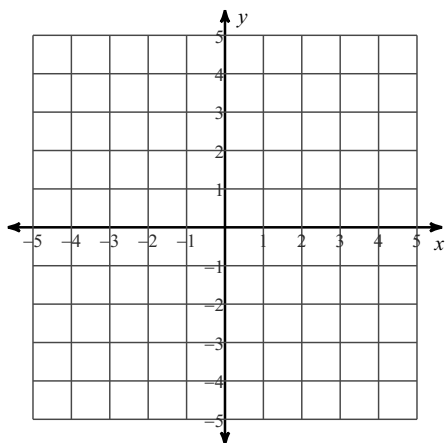


10) $y = -\frac{1}{2}x + 2$
 $y = -\frac{7}{4}x - 3$



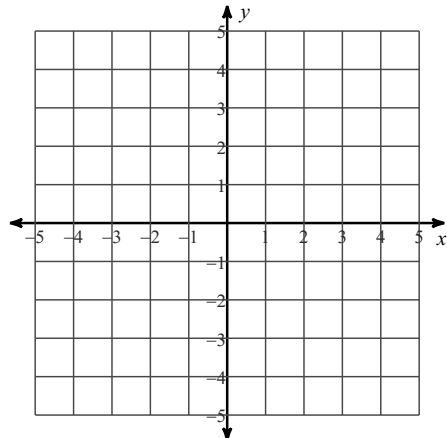
$$11) \ y = -\frac{1}{3}x + 4$$

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



$$12) \ y = -4$$

$$y = -\frac{7}{3}x + 3$$



Solve each system.

$$13) \ y = -4x + 22$$

$$y = 3x - 13$$

$$14) \ y = 8x - 24$$

$$y = -3x - 2$$

$$15) \ y = -2x - 19$$

$$y = 2x + 9$$

$$16) \ y = 4x + 14$$

$$y = 5x + 17$$

Answers to Review: Rewrite Equations, Solve Systems by graphing and algebra

1) $3x - 4y = 12$

2) $x + 4y = -4$

3) $5x - 6y = -6$

4) $3x + 4y = -4$

5) $y = \frac{1}{5}x - \frac{36}{5}$

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

7) $y = -\frac{9}{5}x - 5$

8) $y = -\frac{3}{7}x - 3$

9) $(4, -2)$

10) $(-4, 4)$

11) $(3, 3)$

12) $(3, -4)$

13) $(5, 2)$

14) $(2, -8)$

15) $(-7, -5)$

16) $(-3, 2)$