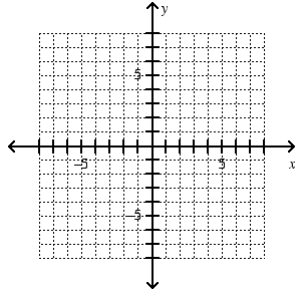


Assignment 11

Graph each. Get plenty of "GOOD POINTS"!

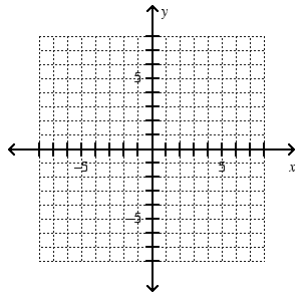
1.

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



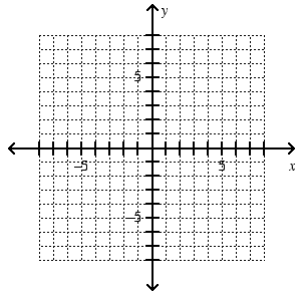
2.

$$y = 3x + 5$$



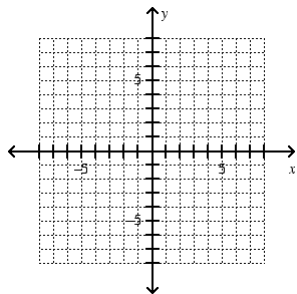
3.

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



4.

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

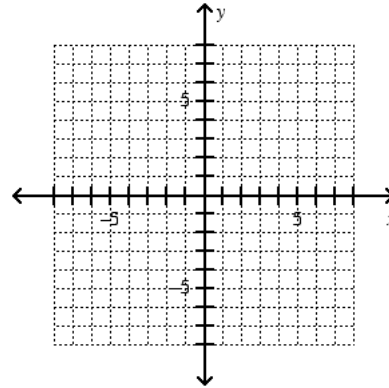


Graph each system using the slope intercept method. Find the solution by finding the intersection point. List the answer as an ordered pair (x,y) .

1.

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

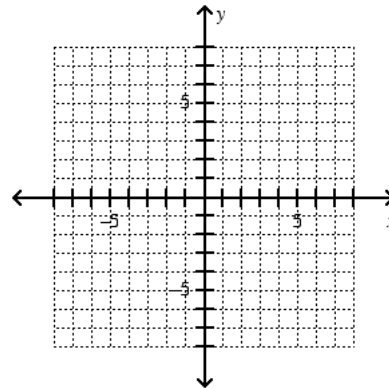
$$y = 3x + 3$$



2.

$$y = -x - 2$$

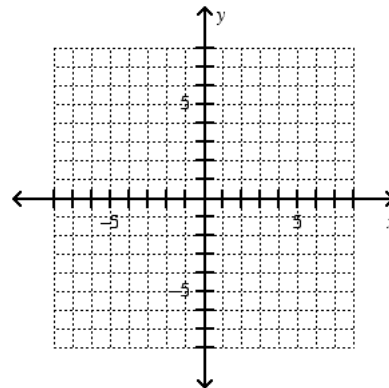
$$y = x + 6$$



3.

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

$$y = \frac{1}{2}x + 6$$



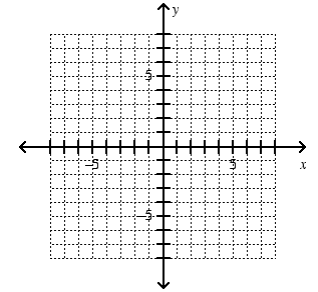
Name: _____

Mixed Graphing - Graph each.

1.

Solve for y and graph.

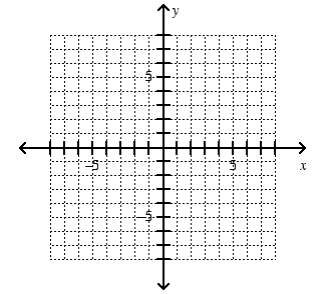
$$2x - 3y = 18$$



2.

Graph with the intercepts.

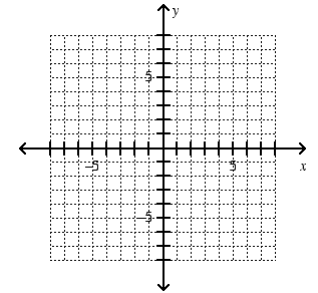
$$3x - 5y = 15$$



3.

Graph and shade.

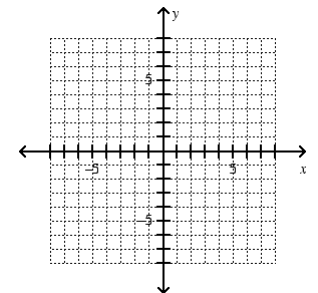
$$y > -2x$$



4.

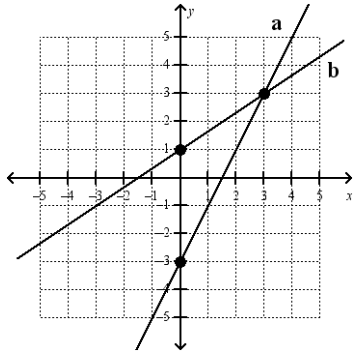
Graph and shade.

$$y \geq \frac{1}{2}x + 3$$



Find the slope of each line.

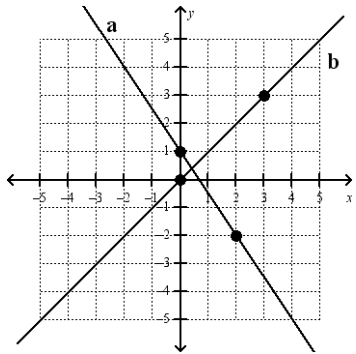
1.



a.

b.

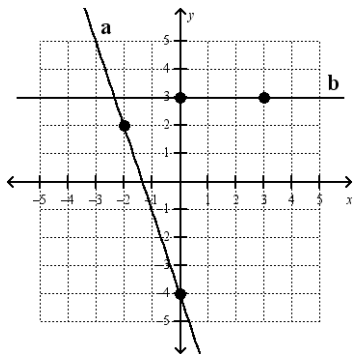
2.



a.

b.

3.



a.

b.

Don't forget about systems - Review

1.

$$\begin{aligned} x + 3y &= 11 \\ 3x + 2y &= 5 \end{aligned}$$

2.

$$\begin{aligned} 2x + y &= 4 \\ 3x + y &= 9 \end{aligned}$$

3.

$$\begin{aligned} y &= 3x + 1 \\ 2x + 5y &= 22 \end{aligned}$$

4.

$$\begin{aligned} 4x - 2y &= 16 \\ x + 2y &= 9 \end{aligned}$$

Chapter 2

Solve each equation.

1. $-2(x+3) = -12$

2. $5(x-1) - x = 11$

3. $6t - 3(t+4) = -9$

4. $5x + 3(x+1) - 7 = 20$

5. $7 - 4(3y-2) + 6y = 3$

6. $3x - (x+2) - 5x = 19$