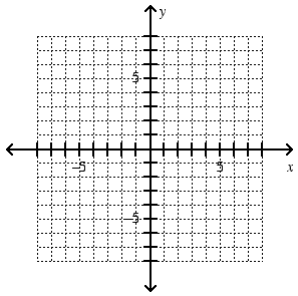
Assignment 12

Graph each. Get plenty of "GOOD POINTS"!

1.

Solve for y and graph.

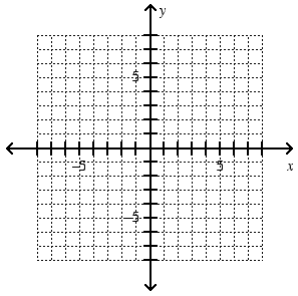
$2x - y = 6$



2.

Solve for y and graph.

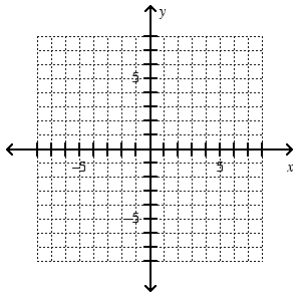
$x - 2y = 6$



3.

Solve for y and graph.

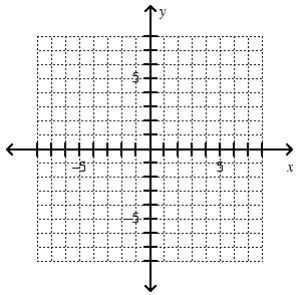
$2x + 3y = -12$



4.

Solve for y and graph.

$6x + 2y = 10$

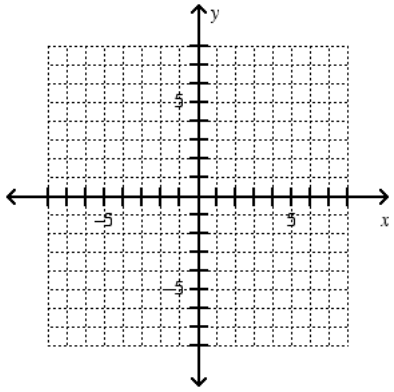


Graph each system using the slope intercept or the intercepts methods. Get plenty of "GOOD POINTS"!. List the answered as an (x,y). pair (x,y).

1.

$y = -x$

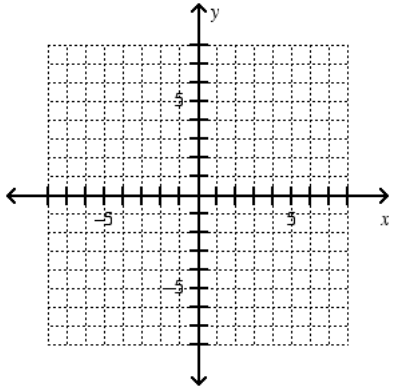
$y = x + 8$



2.

$4x + 2y = 8$

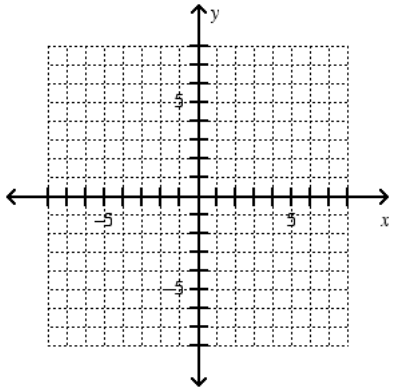
$y = -\frac{2}{5}x - 4$



3.

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

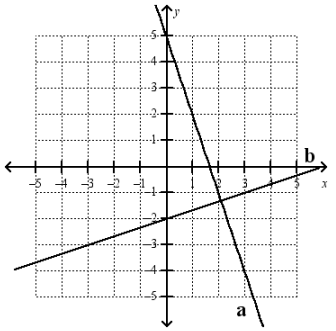
$x = 4$



Name: _____

Find the slope of each line. You will have to find the "Good Points".

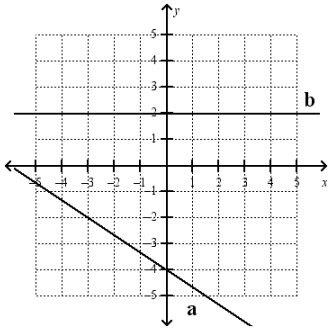
1.



a.

b.

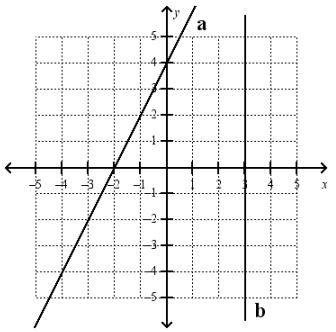
2.



a.

b.

3.

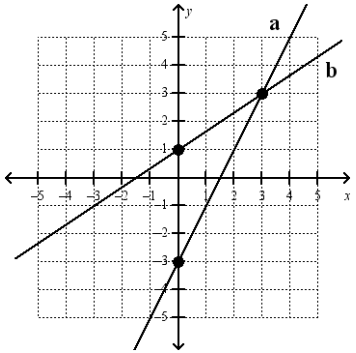


a.

b.

Find the equation of each line. Write in slope intercept form.

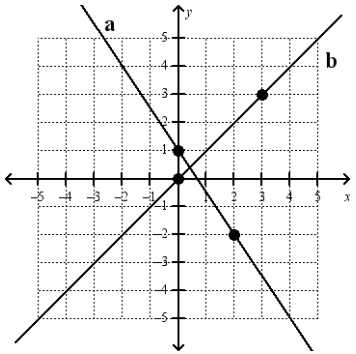
1.



a.

b.

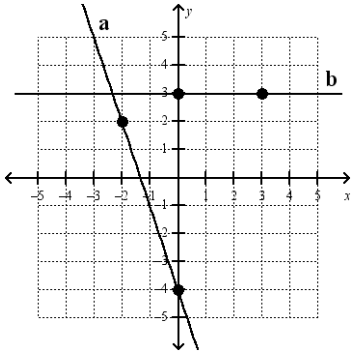
2.



a.

b.

3.



a.

b.

Function Practice

1.
Let $f(x) = 3x + 5$

find:

a) $f(2)$

b) $f(0)$

c) $f(-2)$

2.
Let $f(x) = x^2 + 1$

find:

a) $f(5)$

b) $f(0)$

c) $f(-5)$

3.
Let $h(x) = \frac{1}{2}x - 3$

find:

a) $h(10)$

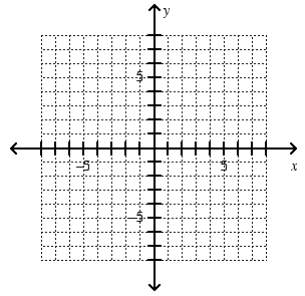
b) $h(0)$

c) $h(-4)$

Mixed Graphing *- Graph each.*

1.

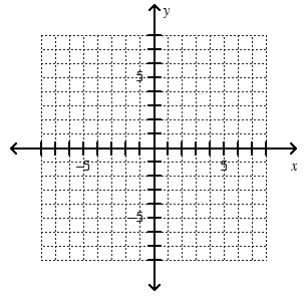
$y = -2$



2.

Graph with the intercepts.

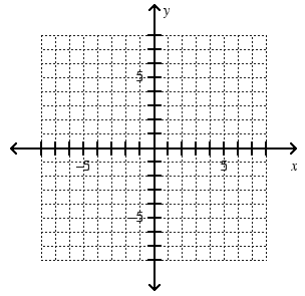
$x - 4y = 8$



3.

Graph and shade.

$y \le -\frac{2}{3}x$



4.

Graph and shade.

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