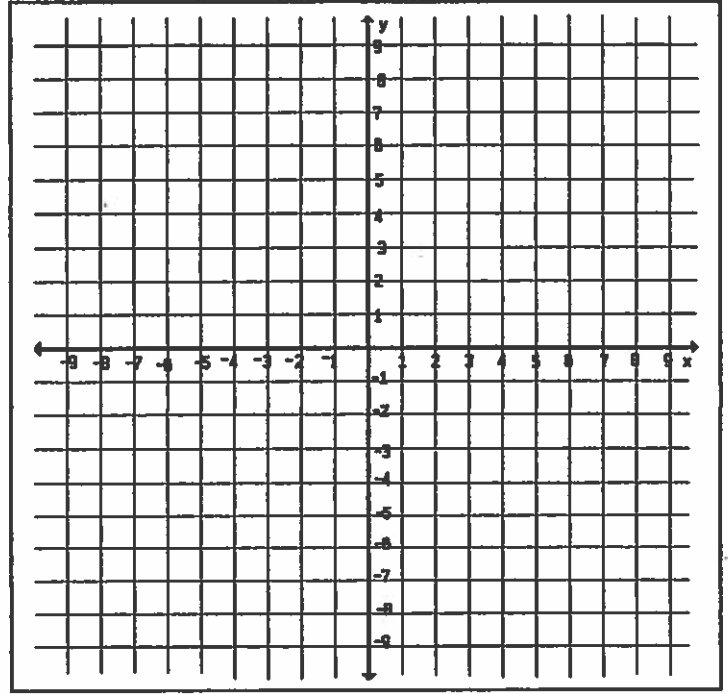
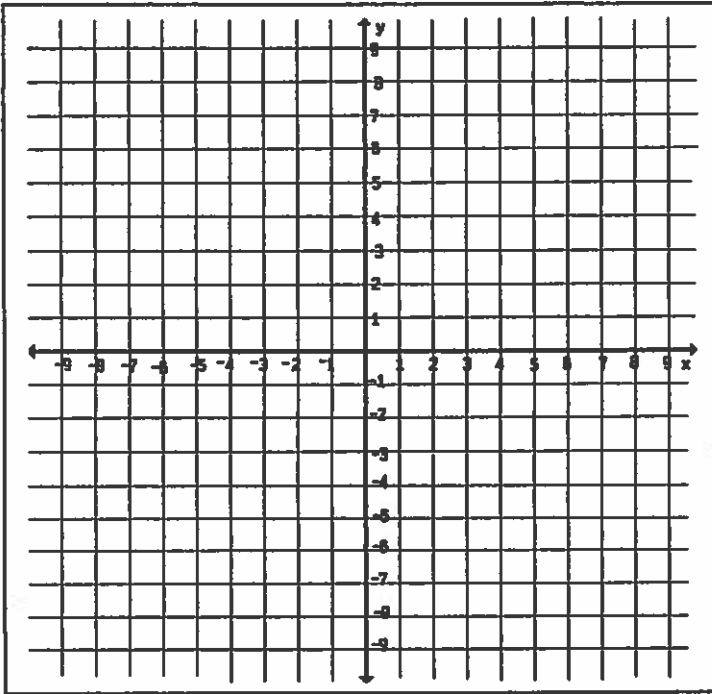


**Math 1201 Review Questions****Systems of Equations**

1. Solve each linear system by graphing.

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

b) 
$$y = x - 7$$
$$y - 2 = -2(x - 3)$$



2. Solve each linear system algebraically, using elimination or substitution.

a) 
$$4x - 3y = 11$$
$$3x - 5y = -11$$

b) 
$$x = -2y + 1$$
$$2x - 2y = -10$$

c) 
$$6x + 3y - 27 = 0$$
$$y + 2x = 9$$

d) 
$$\frac{2}{3}x + \frac{5}{6}y = \frac{1}{2}$$
$$\frac{3}{4}x - \frac{1}{2}y = 2$$