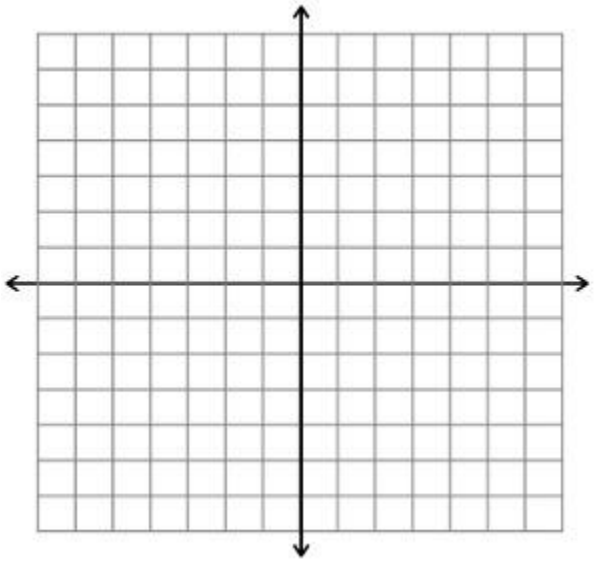
3-97. Make an x,y table for the equations and then graph the lines $y = -4x + 3$ and $y = x - 7$ on the same set of axes. Then find their point of intersection.



x	y

x	y

3-100. Find each of the following products by drawing and labeling a generic rectangle or by using the Distributive Property.

a. $5x(x - 6)$

b. $-9y(6 - 3y)$

c. $(x + 2)(x + 3)$

d. $(x + 1)(x + 5)$

3-102. Solve each of the following equations. Be sure to show your work carefully and check your answers.

a. $2(3x - 4) = 22$

b. $12x - 30 = -(x + 4)$

c. $2 - y - 4 = 3y$

d. $3 + 4x + 4 = 159$

3-108. Complete the table and find the equation of the line (y = Mx + B). Use the slope (M) and the y-intercept (B) as shown in the table.

x	-1	0	1	2	3
y	-8	-5		1	

3-112. Simplify using only positive exponents.

a. $(3x^2y)(5x)$

b. $(4x^2y^3)(3x^5y^2)$

c. $\frac{18x^5y^3}{9x^7y}$

d. $(2x)^0$