Name: _____ Date: _____ Period: _____

1-6 Write Equations
Homework

A. Give the slope/intercept equation for the following lines.
B. List at least 3 coordinate points that satisfy the equation and graph.
C. Write the equation of the line in slope-intercept form $y = mx + b$.
D. Write the equation of the line in point-slope form, $y - y_1 = m(x - x_1)$.

1.

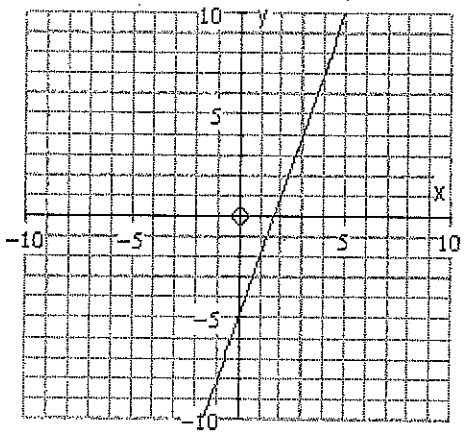
m =

b =

(,)

(,)

(,)



Equations:

2.

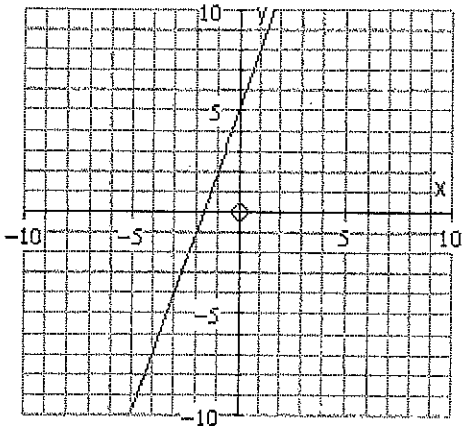
m =

b =

(,)

(,)

(,)



Equations:

3.

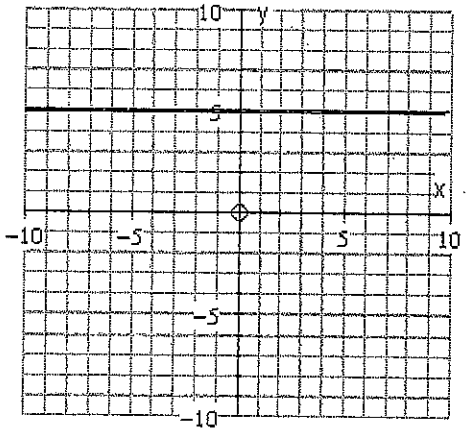
m =

b =

(,)

(,)

(,)



Equations:

4.

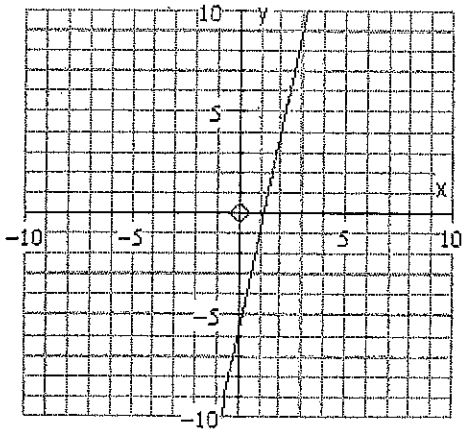
m =

b =

(,)

(,)

(,)



Equations:

5.

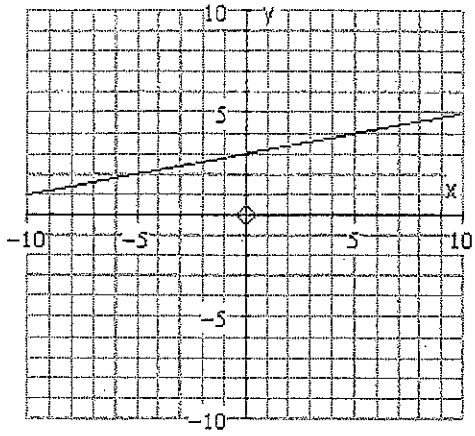
m =

b =

(,)

(,)

(,)



Equations:

6.

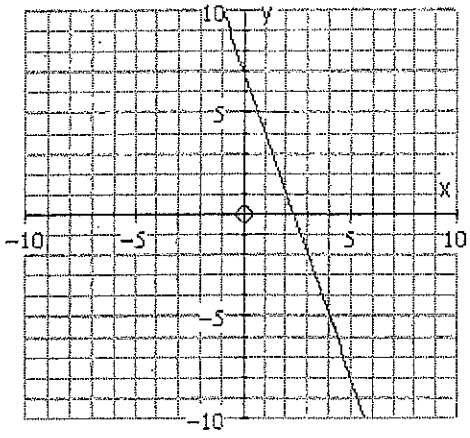
m =

b =

(,)

(,)

(,)



Equations:

7. Write an equation of a line, in slope-intercept form , whose slope = 1/5 and passes through the point (10 , -1)

8. Write an equation of a line, in point-slope form, whose slope = 2 and passes through the point (2 , 6)

9. Write an equation of a line, in slope-intercept form, that passes through the points (2, 5) and (0, 2).