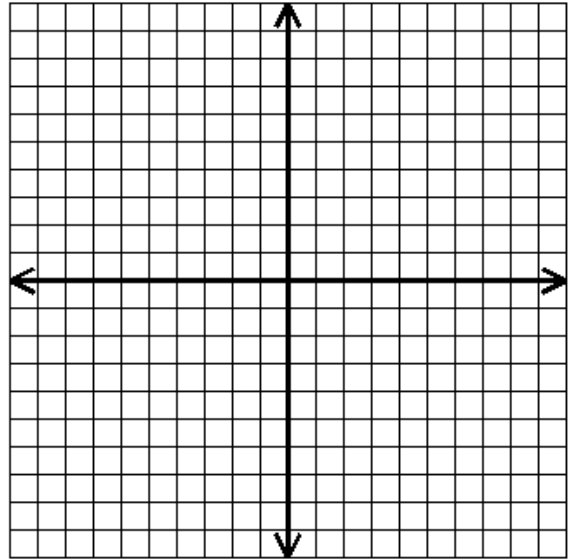


WRITING EQUATIONS OF LINES GIVEN 2 POINTS – DAY 2

1. Graph $2x - y = 6$.



2. What are the coordinates of the x-intercept?

3. What are the coordinates of the y-intercept?

EXAMPLES: Write the equation of the line passing through the given points in slope-intercept form.

4. (1, -2) and (3, 10)

5. (-1, 3) and (4, -7)

6. y-intercept of -3 and x-intercept of 9

7. x-intercept of -2 and y-intercept of 5

8. horizontal line through (-2, 6)

9. vertical line through (5, -3)

10. Slope -3 and passes through the point (-1, 7)

11. The table below shows the relationship between the total tuition costs, T and the number of semester hours taken at Cambridge College. Find the function that would represent this relationship.

Semester Hours Taken, h	Total Tuition Costs, T
3	685
6	820
9	955
12	1090

12. Which of the tables below represents the function $y - 2x = -4$?

A.

X	Y
-8	-20
-3	-10
0	-5
5	10

B.

X	Y
-9	-22
-2	-8
2	0
4	4

C.

X	Y
-7	-18
0	-6
1	2
5	10

D.

X	Y
-9	-22
-2	-12
3	2
10	32