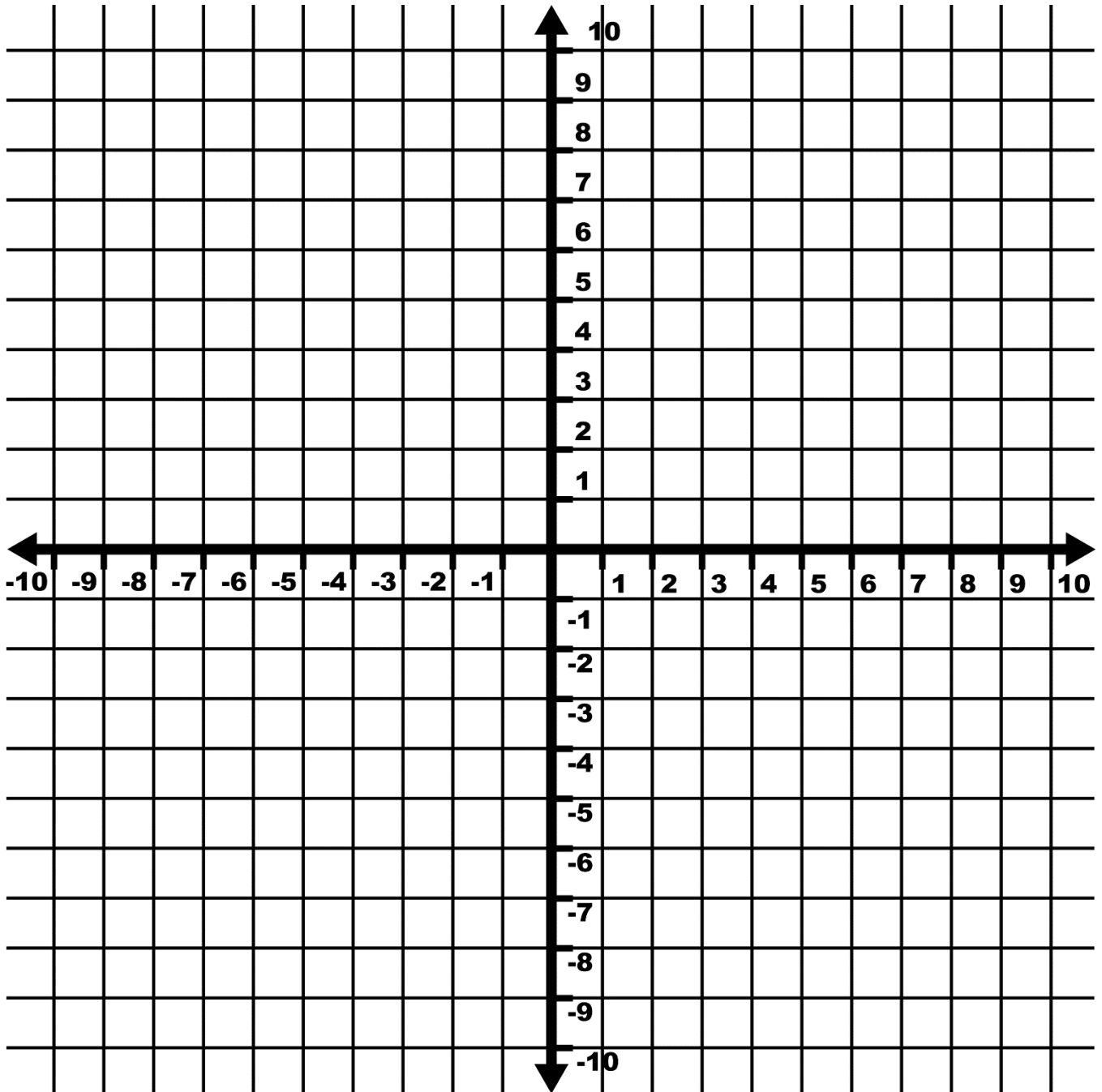


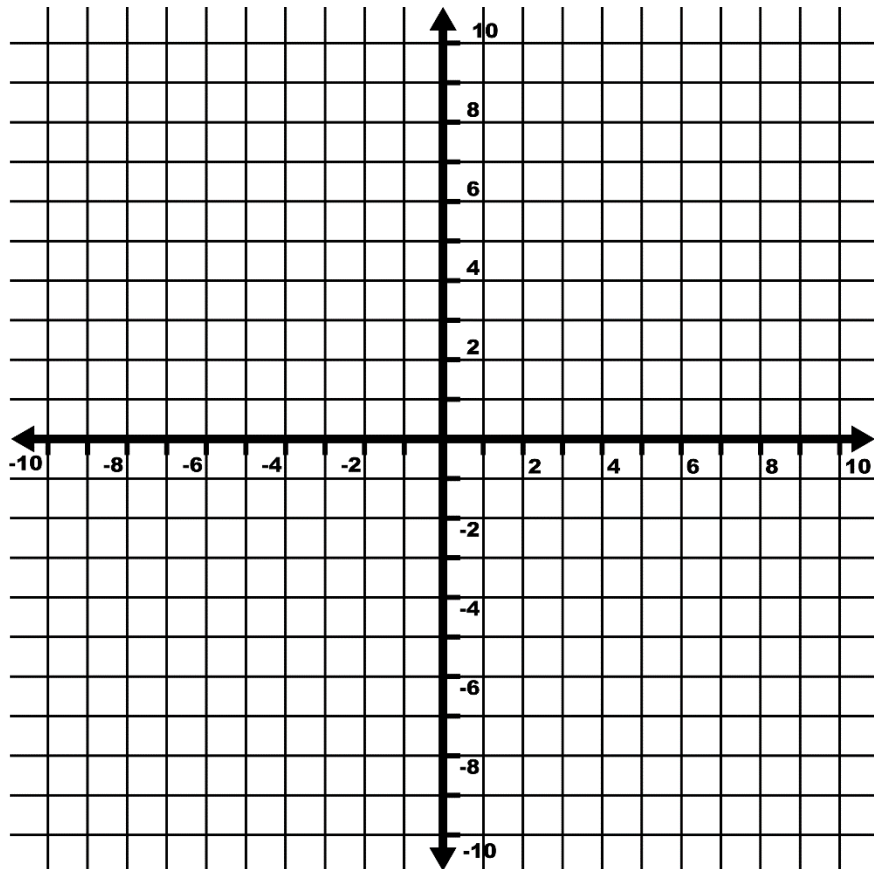
1. Plot the following points on the coordinate plane. You must put the letter next to the point to receive full credit. (2 points each)
- | | |
|---------------|--------------|
| a. $(-1, -8)$ | d. $(0, 4)$ |
| b. $(3, -5)$ | e. $(9, 6)$ |
| c. $(-7, 0)$ | f. $(-5, 3)$ |



2. Use the equation $y = 4x + 2$ to complete the following table. Then graph the line.
- a. Complete the table (5 points)

x	-2	-1	0	1	2
$y = 4x + 2$					

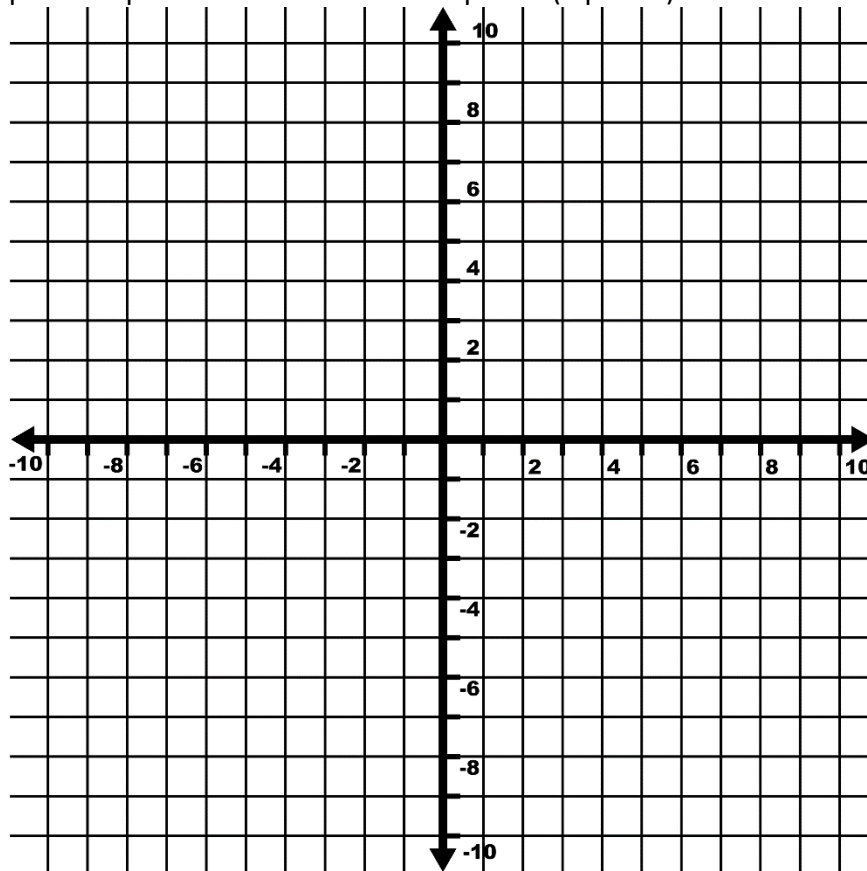
- b. Graph the equation (5 points)



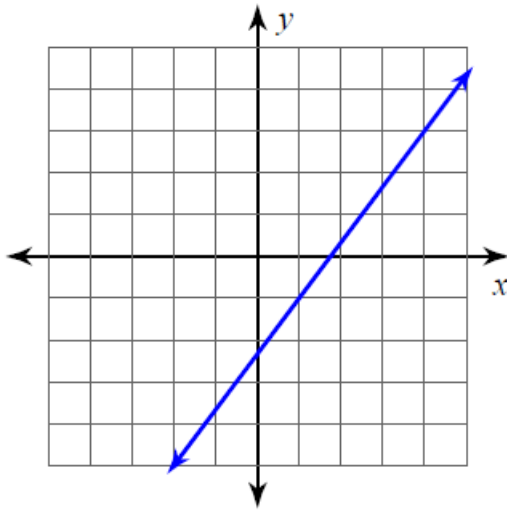
3. Use the equation $y = -\frac{3}{4}x + 2$ to complete the following questions.
- a. What is the slope of the given equation? (2 points)

- b. What is the y-intercept of the given equation? (2 points)

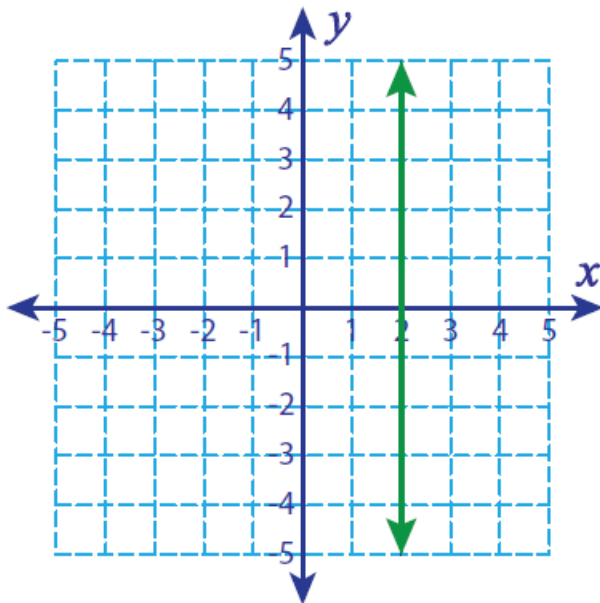
- c. Graph the equation on the coordinate plane. (4 points)



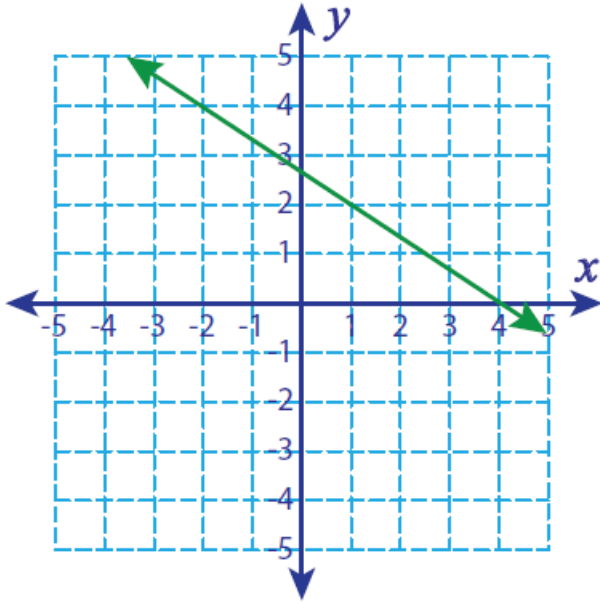
4. Find the slope of the given line. (4 points)



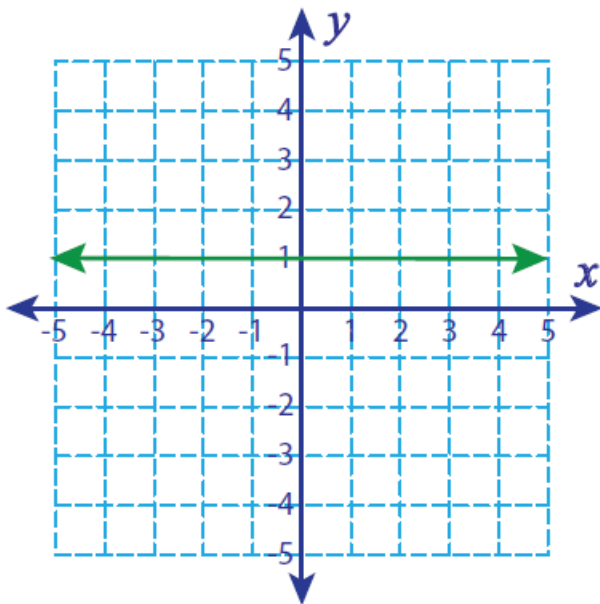
5. Find the slope of the given line. (4 points)



6. Find the slope of the given line. (4 points)



7. Find the slope of the given line. (4 points)



8. Calculate the slope between the two given points. (4 points each)

a. $(10, -4)$ and $(5, 3)$

b. $(2, 8)$ and $(-3, 8)$

c. $(-1, 3)$ and $(-1, -1)$

d. $(0, 1)$ and $(5, 6)$

ANSWER KEY

1. Plot points
2. $Y=4x+2$
 - a. Table: -6, -2, 2, 6, 10
 - b. Graph points (-2, -6), (-1, -2), (0, 2), (1, 6), (2, 10)
3. $Y=(-3/4)x+2$
 - a. Slope = $-3/4$
 - b. Y-intercept = 2
4. Slope = $4/3$
5. Slope is undefined
6. Slope = $-2/3$
7. Slope = 0
8. $M = -7/5$
9. $M = 0$
10. Slope is undefined
11. $M = 1$