For problems 1-4, find the slope of the line shown.

1. A.

B.

C.



2. A.

B.

C.

D.



3. A.

B.

C. 5

D. -5



4. A. -1

B. 1

C. 0

D. undefined

For questions 5-8, state the slope and y intercept of the line.

5.

A. slope = -6, y intercept =

B. slope = , y intercept = 6

C. slope = 6, y intercept =

D. slope = , y intercept = -6

6.

A. slope = 3, y intercept = 5

B. slope = -3, y intercept = -5

C. slope = 5, y intercept = -3

D. slope = -3, y intercept = 5

7.

A. slope = 0, y intercept =

B. slope = , y intercept = 0

C. slope = undefined, y intercept 0

D. slope = , y intercept = 0

8.

A. slope = -3, y intercept = 5

B. slope = 5, y intercept = 3

C. slope = 5, y intercept = -3

D. slope = 3, y intercept = 5

For questions 9-12, write the equation given the slope and y intercept.

9. slope = 5, y intercept = -6

A.

B.

C.

D.

10. slope = , y intercept =

A.

B.

C.

D.

11. slope = -7, y intercept = 0

A.

B.

C.

D.

12. slope = undefined, no y intercept

A.

B.

C.

D.

For questions 13-16, state the equation for the graph shown.

13.





14.



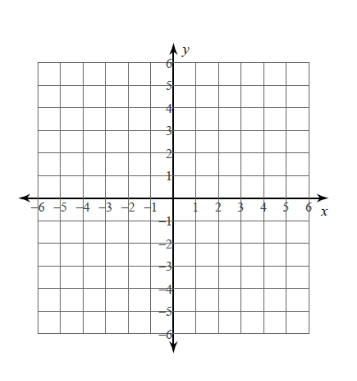
15.





16.

17. What is the slope of a line containing the points

(3, 4) and (-2, 1)? (you may use the coordinate plane below to help you)



18. What is the slope of a VERTICAL line?

A. 1 B. -1 C. 0 D. undefined

19. What is the slope of a HORIZONTAL line?

A. 1 B. -1 C. 0 D. undefined

20. Which graph below depicts ?



A. B.



C. D.

Write an equation containing the following 2 points:

21. (5,1) (8,-2)

A.

B.

C.

D.

22. (6,0) (0,4)

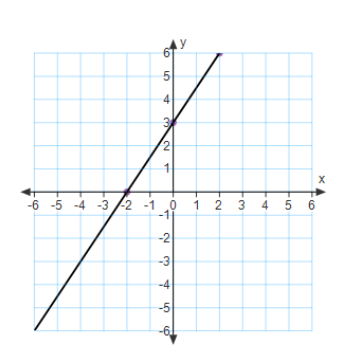
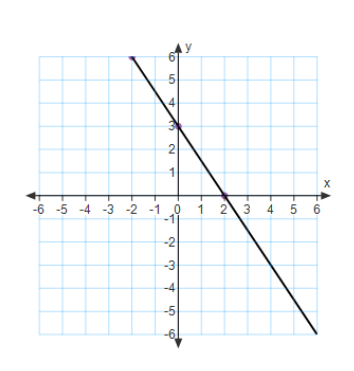
A.

B.

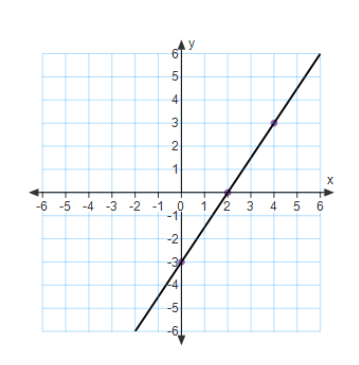
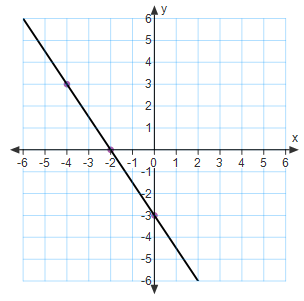
C.

D.

Which graph depicts the equation.

23.

A. B.



C. D.