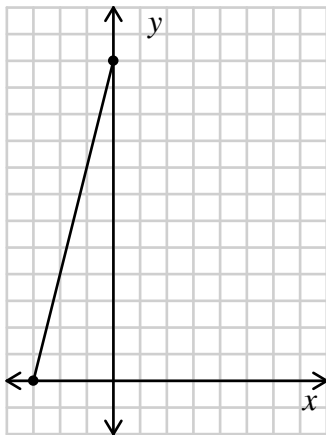


NAME: \_\_\_\_\_

1. What is the  $y$ -intercept of the line  $5x - y = -5$ ? [A]  $-5$  [B]  $1$  [C]  $5$  [D]  $-1$
2. What is the  $x$ -intercept of the line  $4x - 3y = -12$ ? [A]  $-4$  [B]  $3$  [C]  $-3$  [D]  $4$
3. What is the  $y$ -intercept of the line  $5x - 2y = -10$ ? [A]  $-5$  [B]  $5$  [C]  $2$  [D]  $-2$
4. What is the  $x$ -intercept of the line  $3x + y = 3$ ? [A]  $3$  [B]  $-3$  [C]  $-1$  [D]  $1$
5. Which is the  $y$ -intercept of the linear equation  $3x + y = 4$ ?  
[A]  $-4$  [B]  $-3$  [C]  $0$  [D]  $3$  [E]  $4$

6. Which of the following represents the  $x$ - and  $y$ -intercepts of the graph shown?



- [A]  $-3; 12$  [B]  $-12; 3$  [C]  $3; 12$  [D] none of these answers

NAME: \_\_\_\_\_

7. Compare the quantities in Column A and Column B.

Column A

Column B

the  $y$ -intercept of the  
line for the equation

$$2y = 3x - 4$$

the  $y$ -intercept of the  
line for the equation

$$4x - 2y = 4$$

- [A] The quantity in Column A is greater.                      [B] The quantity in Column B is greater.  
[C] The quantities are equal.  
[D] The relationship cannot be determined from the information given.

8. Compare the quantity in Column A with the quantity in Column B.

Column A

Column B

the  $x$ -intercept of  $2x - 3y = 4$     the  $x$ -intercept of  $4x + y = 2$

- [A] The quantity in Column A is greater.                      [B] The quantity in Column B is greater.  
[C] The two quantities are equal.  
[D] The relationship cannot be determined on the basis of the information supplied.

9. Compare the quantity in Column A with the quantity in Column B.

Column A

Column B

slope of  $3x + y = 5$       slope of  $2x - y = 5$

- [A] The quantity in Column A is greater.                      [B] The quantity in Column B is greater.  
[C] The two quantities are equal.  
[D] The relationship cannot be determined on the basis of the information supplied.

10. Compare the quantity in Column A with the quantity in Column B.

Column A

Column B

the slope of  $2x + 3y = 4$       the slope of  $y = 1.5x - 2$

- [A] The quantity in Column A is greater.                      [B] The quantity in Column B is greater.  
[C] The quantities are equal.  
[D] The relationship cannot be determined on the basis of the information given.

- [1] C
- [2] C
- [3] B
- [4] D
- [5] E
- [6] A
- [7] C
- [8] A
- [9] B
- [10] B