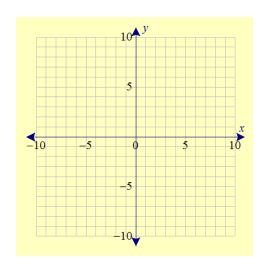
MA050

CH6 Practice Test

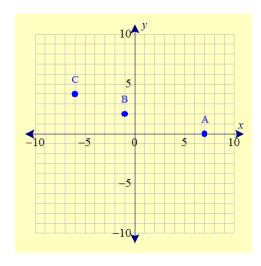
1.

Plot the points on the graph. A (4,0), B (2,-5), C (-3,2)



Step 2. Identify the coordinates of the points A, B, and C on the graph.

- A: (,)
- B: (,)
- C: (,



2. Determine the missing coordinate in the ordered pair so that it will satisfy the equation 5x + y = 9.

Answer: (3 ,

Answer:

, 4

Determine the missing coordinate in the ordered pair so that it will satisfy the equation 5x + 4y = 9. 3.

Answer:

	4

Answ

ver:	(]
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Find two points on the line, and then use your answer to graph the line. 4.

		10	
		10	
		- 5	
		0	L)
-10	_5	0	 10
-10	-5		 10
		-5	
		73	

A: (

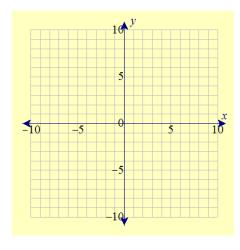
B: (,)

Find two points on the line, and then use your answer to graph the line. 2x - 5y = 105.

$$2x - 5y = 10$$

- **≤**10
- A: (
- B: (
- Find two points on the line, and then use your answer to graph the line. $y = \frac{-3}{2}x 5$ 6.

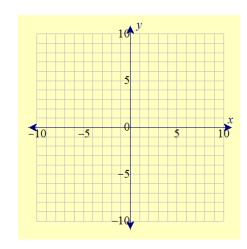
$$y = \frac{-3}{2}x - 5$$



- A: (
- B: (

Find two points on the line, and then use your answer to graph the line. 3x = -127.

$$3x^{2} = -12$$



- A: (
- B: (

8. Consider the linear equation:

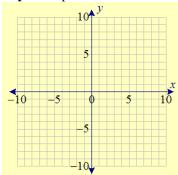
$$y = -2x + 5$$

Step 1. Determine the slope and y -intercept of the equation above.

slope =	A)	Undefined

y-intercept = (0,	
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Step 2. Graph



9. Consider the linear equation:

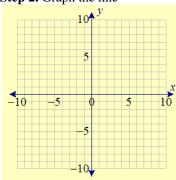
$$y = \frac{-3}{4}x + 4$$

Step 1. Determine the slope and y -intercept of the equation above.

A) Undefined

y-intercept = (0,)

Step 2. Graph the line

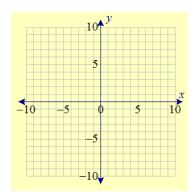


10. Consider the linear equation:

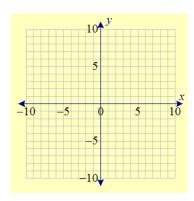
$$4x - 2y = 14$$

Step 1. Determine the slope and *y*-intercept of the equation above.

Step 2. Graph the *y*-intercept on the axes provided.



Step 3. In step 1, you found the slope. In step 2, you graphed the *y*-intercept. Use the slope to find a second point on the line other than the *y*-intercept and then graph the line connecting these two points.

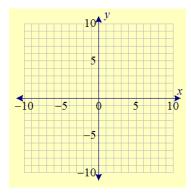


11. Consider the linear equation:

$$y = 1$$

Step 1. Determine the slope and *y*-intercept of the equation above.

Step 2. Graph the line

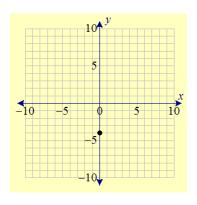


12. Consider the following y – intercept and slope:

$$(0, -4), m = \frac{1}{3}$$

 $(0,-4), m = \frac{1}{3}$ **Step 1.** Find the equation of the line for the *y*-intercept and slope given above.

Step 2. Determine the graph of the line. The point given for y-intercept (0, -4) is marked on the graph. Use the slope $\frac{1}{3}$ to determine the second point needed to graph the line.



13. Find the equation (in slope-intercept form) of the line with the given slope that passes through the point with the given coordinates.

slope:
$$-3$$
, ordered pair: $(-2, 1)$