

Pre-Algebra  
Secondary Education  
MAFS.8.F.1.1



Calculator Neutral  
for this Standard

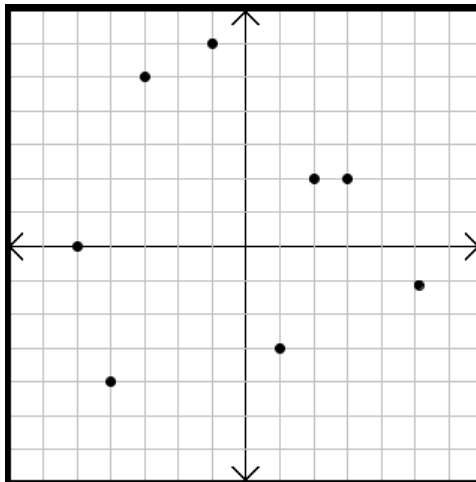
Name: \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

1. Jeremy used a function to create the table below. Select the correct rule for  $y$  in terms of  $x$  in Jeremy's table.

$x$	$y$
1	7
2	10
3	13
4	16

- A.  $y = 6x + 1$
- B.  $y = 3x + 4$
- C.  $y = 3x$
- D.  $y = x + 6$

2. Determine whether the graph shown below is a function. Explain in detail why or why not.

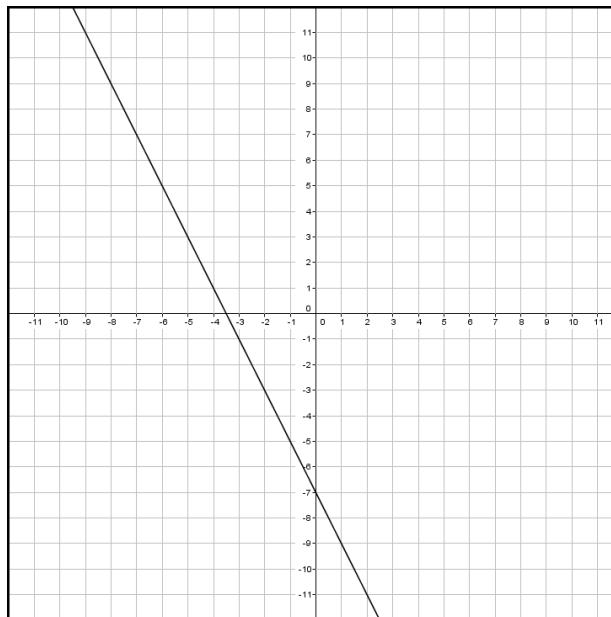



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3. The graph of the function  $y = -2x - 7$  is shown below. Create a table to show the relationship of the values of  $x$  to the values of  $y$ .

4. Write a rule for  $y$  in terms of  $x$ .

$x$	$y$
2	-17
0	-3
-1	4
6	-45

5. Determine whether the graph shown below is a function.

