

## Function/Not a Function

**Directions:** Analyze each relation and determine if it is a function or not a function. If you determine the relation is NOT a function, use a highlighter to show why.

1.

<i>x</i>	<i>y</i>
-4	10
0	9
-4	8
8	7

- Function**  
 **Not a Function**

2.

<i>x</i>	<i>y</i>
2	2
4	4
6	6
8	8

- Function**  
 **Not a Function**

3.

<i>x</i>	<i>y</i>
-10	-1
-5	3
0	7
-5	11

- Function**  
 **Not a Function**

4.

<i>x</i>	<i>y</i>
5	-5
10	-5
15	-5
20	-5

- Function**  
 **Not a Function**

5.

<i>x</i>	-3	-1	1	3
<i>y</i>	1	1	3	3

- Function**  
 **Not a Function**

6.

<i>x</i>	-2	-1	0	0
<i>y</i>	0	1	2	3

- Function**  
 **Not a Function**

7.  $\{(-2, 4), (-1, 4), (0, 4), (1, 3), (5, 5)\}$

- Function**  
 **Not a Function**

8.  $\{(-3, -1), (-1, -3), (1, -3), (1, 3)\}$

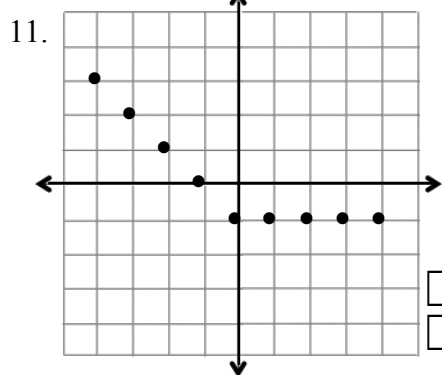
- Function**  
 **Not a Function**

9.  $\{(-2, -2), (-1, -2), (1, 3), (2, 3)\}$

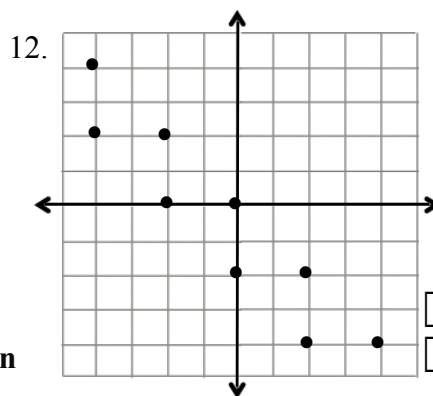
- Function**  
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10.  $\{(-2, 0), (2, 1), (-2, 4), (2, 3)\}$

- Function**  
 **Not a Function**



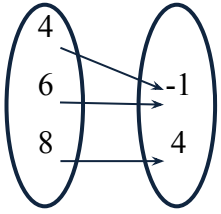
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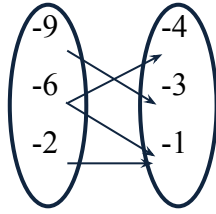
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13.



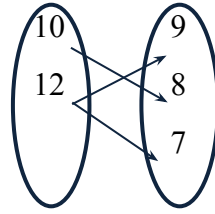
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14.



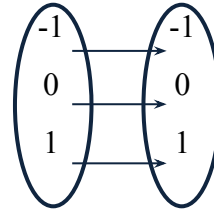
Function  
 Not a Function

15.



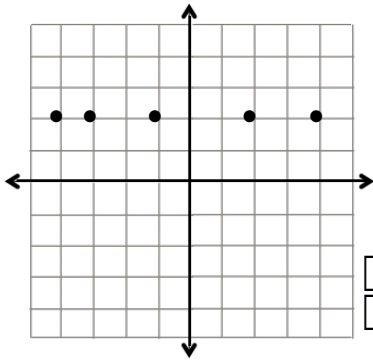
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16.



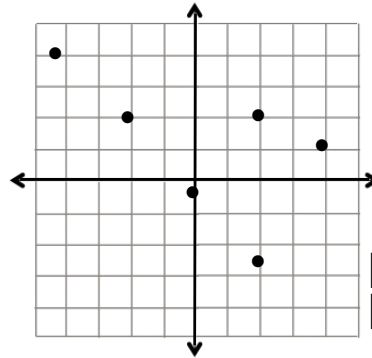
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17.



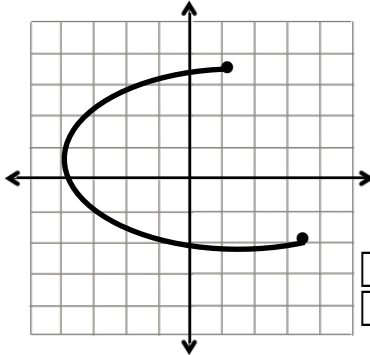
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18.



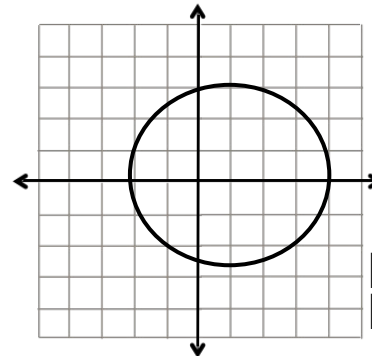
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19.



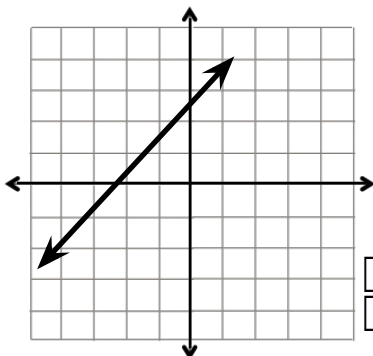
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20.



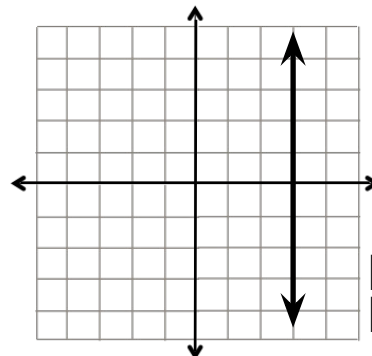
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21.



Function  
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22.



Function  
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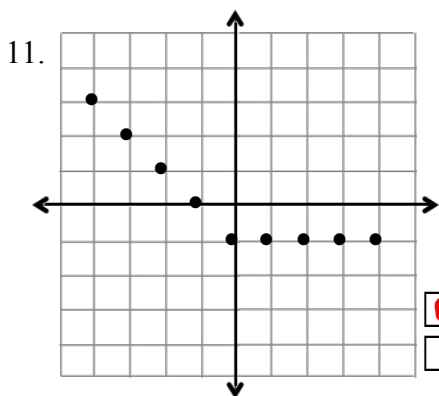
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9.  $\{(-2, -2), (-1, -2), (1, 3), (2, 3)\}$

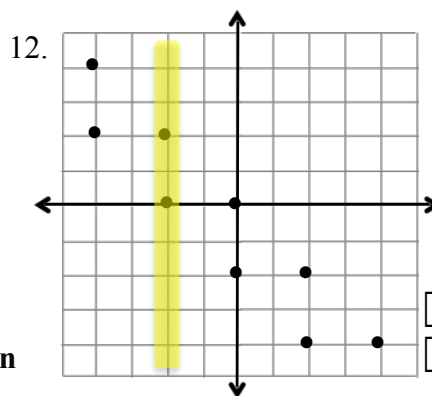
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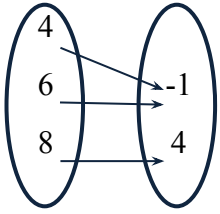
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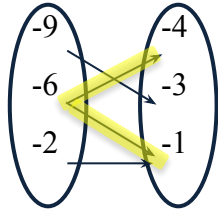
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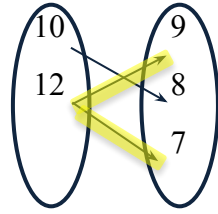
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14.



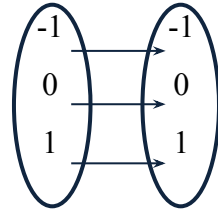
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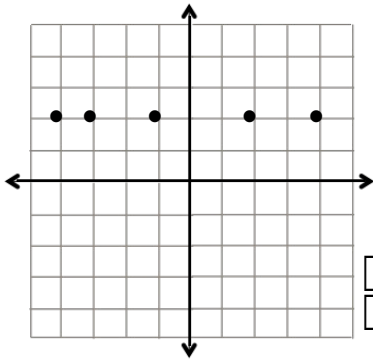
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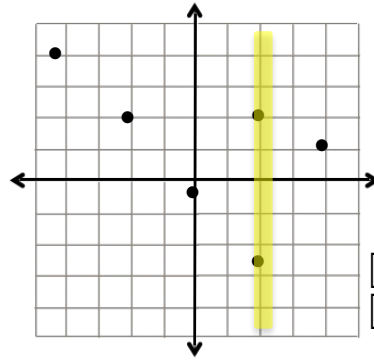
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17.



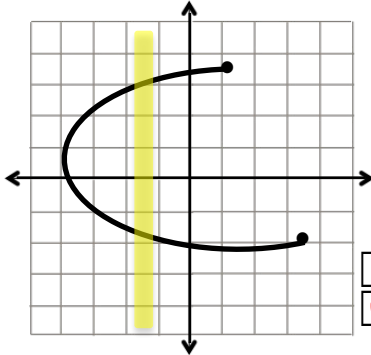
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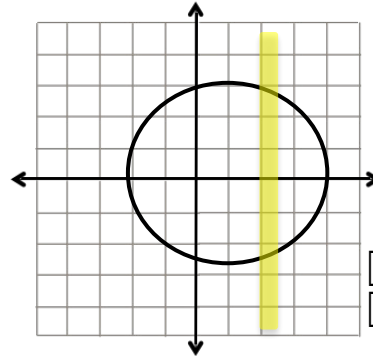
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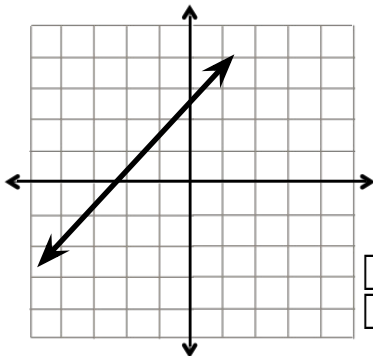
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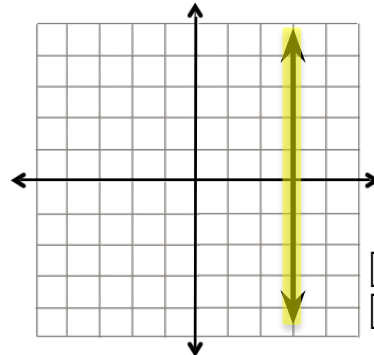
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