

Geometry Readiness Practice 4

... Functions

Unit D: Functions

Be able to:

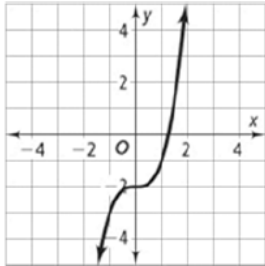
- Graph points on the coordinate plane
- Identify the coordinates of a point
- Determine whether a relation is a function (from a map, graph, table or list of coordinates)
- Find domain and range of a given relation

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Choose the relations that are functions:

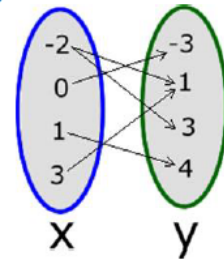
1)



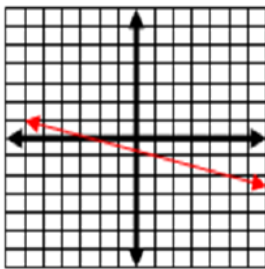
2)

x	y
0	0
1	2
2	-4
3	7

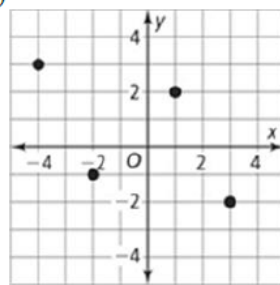
3)



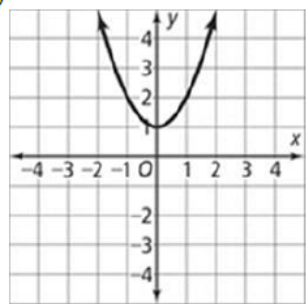
4)



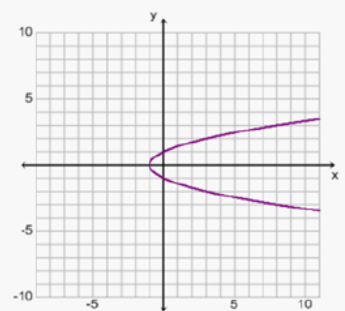
5)



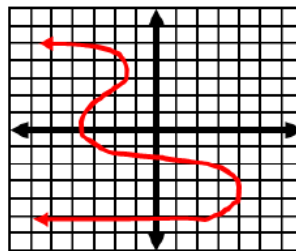
6)



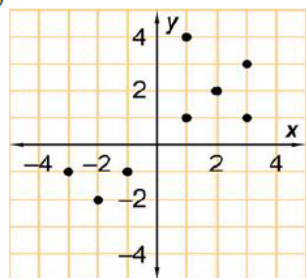
7)



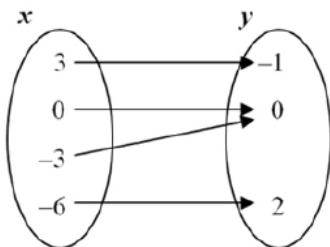
8)



9)

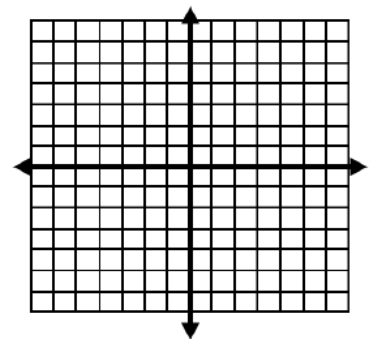


10)



11) Graph and Label each point on the graph at right:

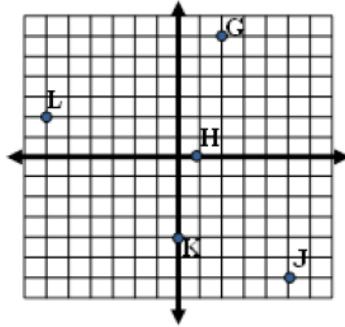
- $A(3, -2)$
- $B(0, 4)$
- $C(-6, 0)$
- $D(-3, -5)$
- $E(4, 4)$
- $F(-1, 6)$



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12) State the coordinates for each point.



G: _____

H: _____

J: _____

K: _____

L: _____

13) Complete the table for the given function.

x	$y = 3x + 1$	y
-2		
-1		
0		
1		
2		

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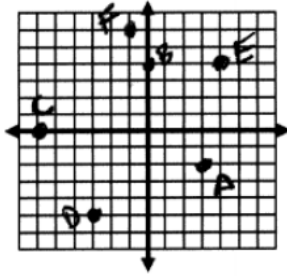
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Answers

ANSWERS for Unit D

- 1) Function
- 2) Function
- 3) Not a function
- 4) Function
- 5) Function
- 6) Function
- 7) Not a function
- 8) Not a function
- 9) Not a function
- 10) Function

11)



12)

- G(2, 6)
- H(1, 0)
- J(5, -6)
- K(0, -4)
- L(-6, 2)

13)

x	$y = 3x+1$	y
-2		-5
-1		-2
0		1
1		4
2		7