

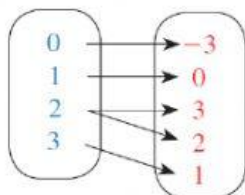
3.1A Worksheet

In Exercises 3–8, determine whether the relation is a function. Explain.

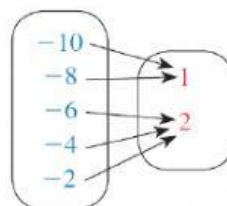
1. $(1, -2), (2, 1), (3, 6), (4, 13), (5, 22)$

2. $(7, 4), (5, -1), (3, -8), (1, -5), (3, 6)$

3. Input, x Output, y



4. Input, x Output, y



5.

Input, x	16	1	0	1	16
Output, y	-2	-1	0	1	2

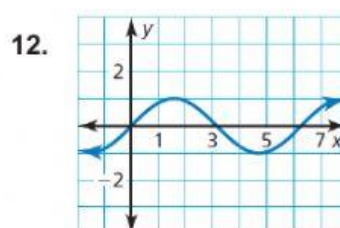
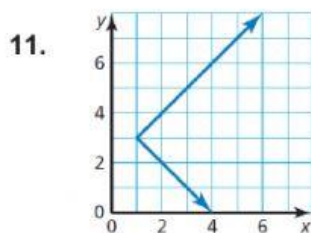
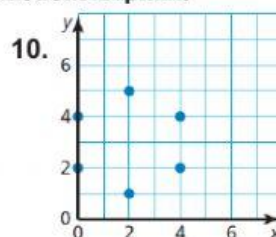
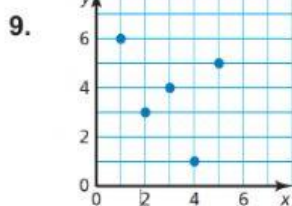
6.

Input, x	-3	0	3	6	9
Output, y	11	5	-1	-7	-13

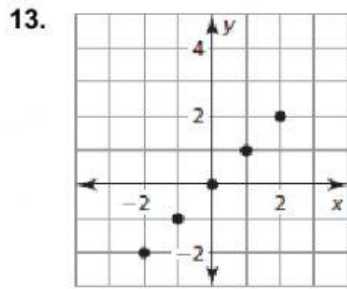
7. Each student in the class to the number of pets they own.

8. The length of a movie to the cost of admission.

In Exercises 9–12, determine whether the graph represents a function. Explain.



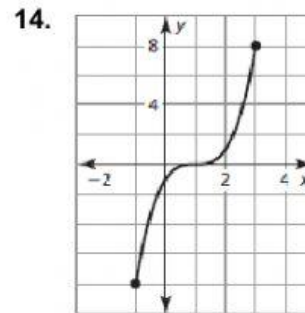
In Exercises 13-16, determine whether the graph is discrete or continuous and find the domain and range of the function represented by the graph.



Discrete or Continuous

D = _____

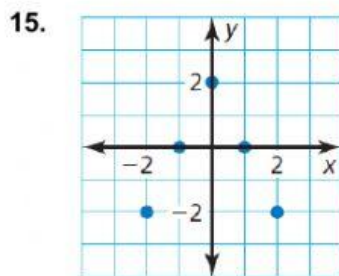
R = _____



Discrete or Continuous

D = _____

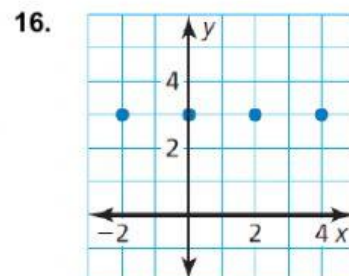
R = _____



Discrete or Continuous

D = _____

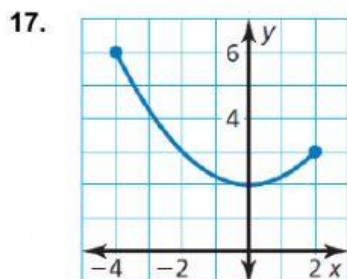
R = _____



Discrete or Continuous

D = _____

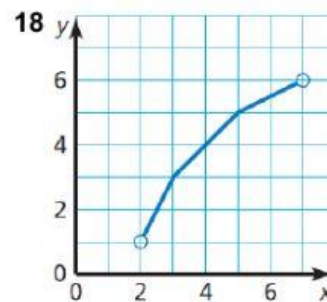
R = _____



Discrete or Continuous

D = _____

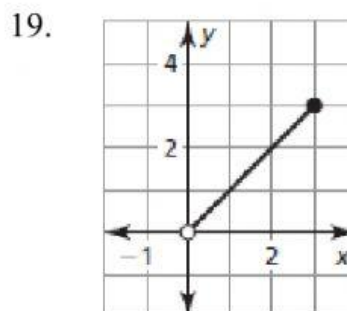
R = _____



Discrete or Continuous

D = _____

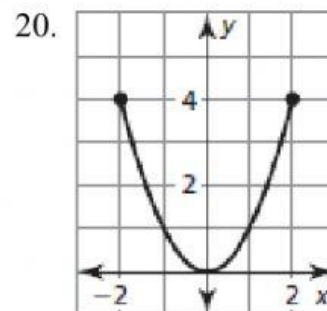
R = _____



Discrete or Continuous

D = _____

R = _____



Discrete or Continuous

D = _____

R = _____