

8.F.1 Snapshot Assessment

Score

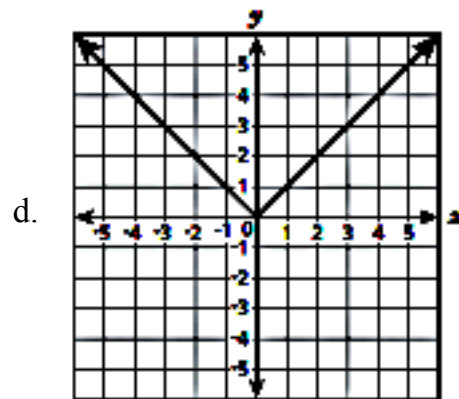
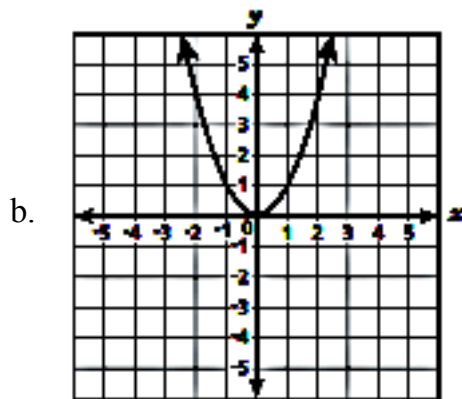
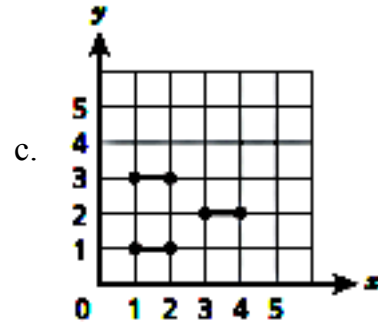
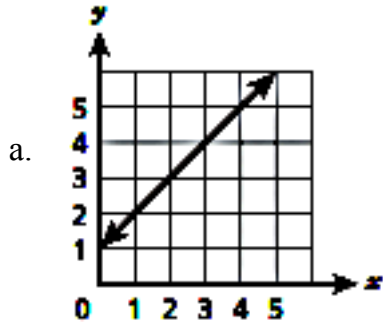
$\frac{\square}{10} = \square\%$

Name: _____

Class: _____

Date: _____

1. Which graph below does **not** represent a function of x ?
(2 points)



2. Which statement **best** explains whether these ordered pairs represent a function?
(2 points)

$$(-4, 2), (6, 7), (-8, 3), (9, 10), (12, 14), (6, 9)$$

- The ordered pairs represent a function because no output values are repeated.
- The ordered pairs represent a function because each output value is greater than each input value.
- The ordered pairs do not represent a function because one input value has two different output values.
- The ordered pairs do not represent a function because the difference between the input and output of each ordered pair is not the same.

3. Which table represents a relation that is **not** a function?

(2 points)

a.

Input	Output
1	1
2	1
3	1
4	1

c.

Input	Output
-1	-7
-2	11
-3	13
-4	105

b.

Input	Output
2	0
4	1
6	2
8	0

d.

Input	Output
3	0
5	2
7	1
3	-4

4. Which set of ordered pairs represents a function?

(2 points)

a. $\{(2, 7), (2, 8), (3, 8)\}$

c. $\{(4, 1), (5, 1), (4, 4)\}$

b. $\{(3, 2), (3, 3), (3, 4)\}$

d. $\{(5, 6), (8, 6), (9, 6)\}$

5. The table below shows a relation between x and y .

x	y
-4	16
-2	4
0	0
2	4
4	16
6	36

Susie said the relation above is also a function. Explain why Susie is correct or incorrect.

(2-Point Holistic Rubric)
