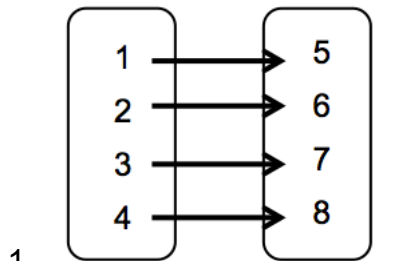


Unit 2b Study Guide

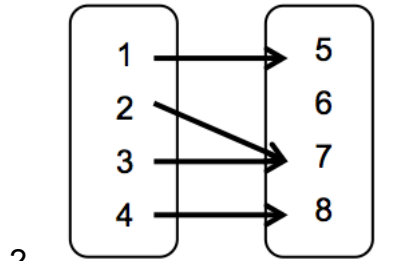
Function

Decide if each table, graph, and mapping below represents a function or not. Circle your answer and explain your reasoning.



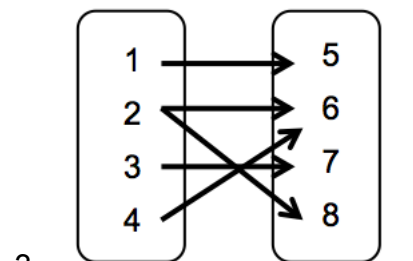
Function Not a Function

Explain: _____



Function Not a Function

Explain: _____



Function Not a Function

Explain: _____

4.

x	y
0	1
1	3
2	5
3	7

Function Not a Function

Explain: _____

5.

x	y
0	6
1	10
2	14
3	18

Function Not a Function

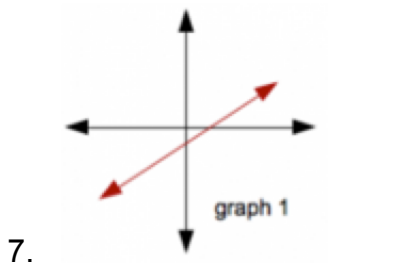
Explain: _____

6.

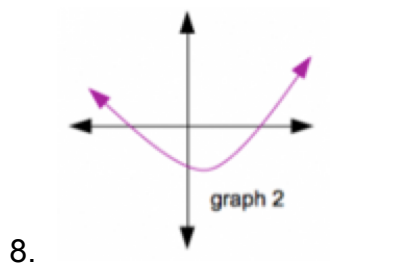
x	y
-1	-2
1	1
1	3
3	4

Function Not a Function

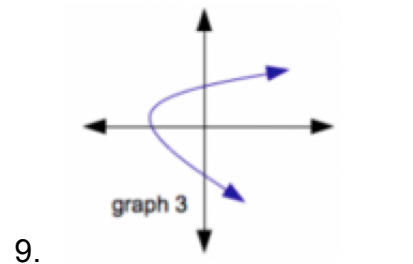
Explain: _____



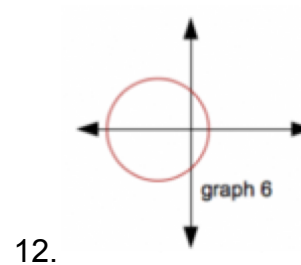
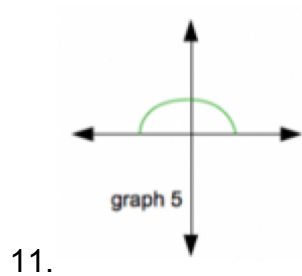
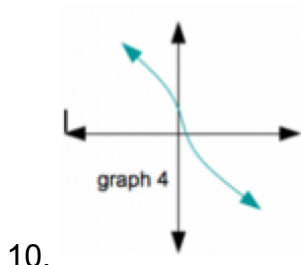
7.



8.



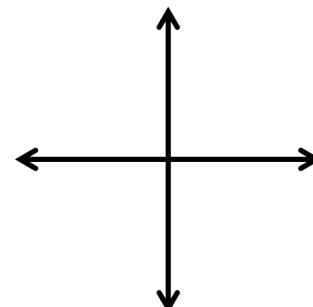
9.



13. Create a mapping, table, and a graph that DOES NOT represent functions.



x	y



Linear and Rate of Change

Determine if each table is linear. If LINEAR, find the rate of change. (Mark up the tables to show the rate of change.)

14.

x	y
0	-3
1	-6
2	-9
3	-12

Linear Nonlinear

ROC: _____

15.

x	y
0	-2
1	1
2	3
3	4

Linear Nonlinear

ROC: _____

16.

x	y
0	-1
1	0.5
2	2
3	3.5

Linear Nonlinear

ROC: _____

17.

x	y
-3	4
-1	6
1	8
3	10

Linear Nonlinear

ROC: _____

18.

x	y
4	4
5	13
6	20
7	31

Linear Nonlinear

ROC: _____

19.

x	y
-1	11
2	16
5	21
8	27

Linear Nonlinear

ROC: _____

20. Create a mapping, table, and a graph that DOES represent functions.



x	y

