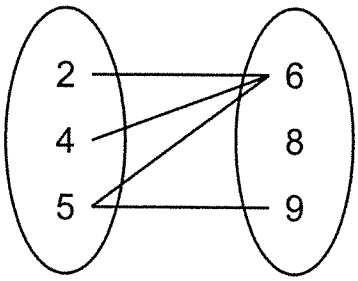
Name : _____ Score : _____

Teacher : _____ Date : _____

Domain and Range Mapping Diagrams

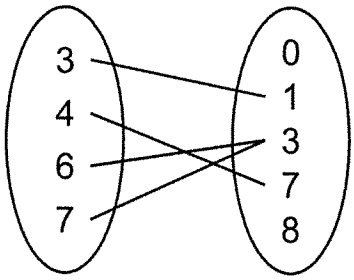
Determine whether each diagram depicts a function or not.

1)



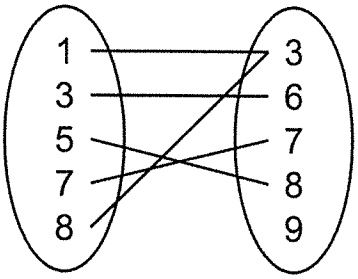
Function: _____

2)



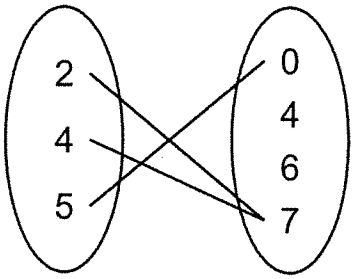
Function: _____

3)



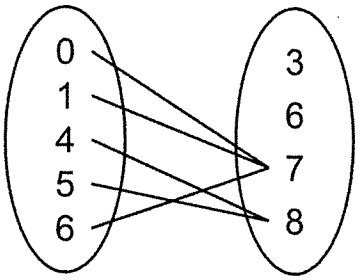
Function: _____

4)



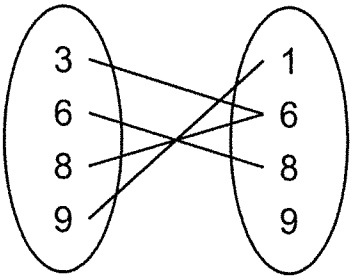
Function: _____

5)



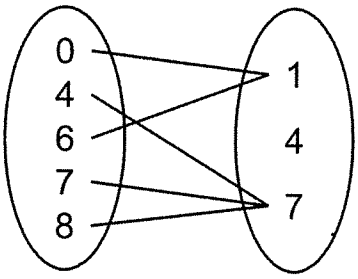
Function: _____

6)



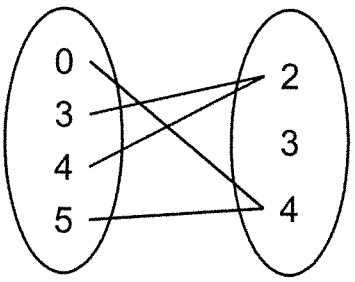
Function: _____

7)



Function: _____

8)



Function: _____

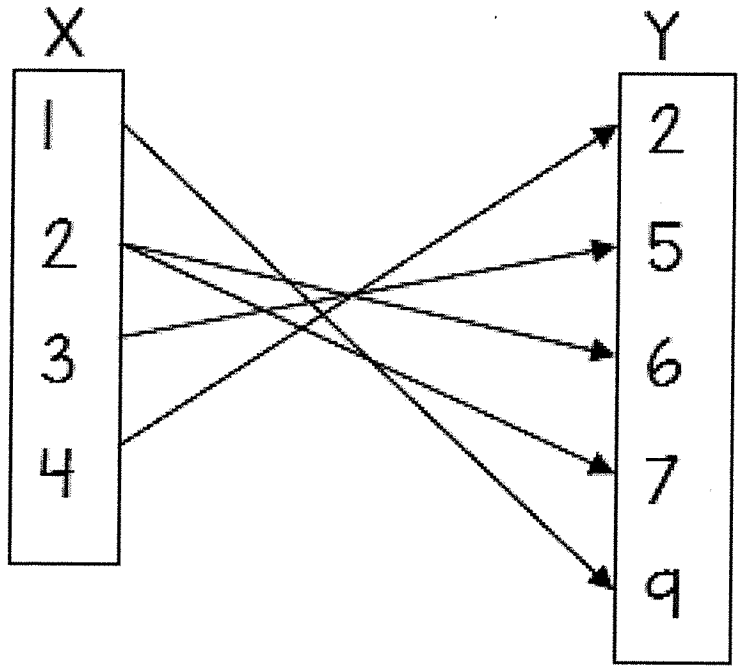
Name: _____ Date: _____ Period: _____

Functions or Not Mapping Diagrams Practice

Directions:
(1) On a clean sheet of notebook paper, create a mapping diagram for the sets of ordered pairs.
(2) State whether the relation is a function or not a function.
(3) Identify the domain and range.

1. (-4, 1), (-2, 3), (0, -5), (2, 7), (3, -9)
2. (-2, -8), (-1, -1), (0, 0), (1, 1), (2, 8)
3. (-2, -4), (-1, 1), (0, 0), (1, 1), (2, -4)
4. (-4, 8), (-2, -3), (-1, 0), (1, 1), (-2, 8), (3, -2)
5. (2, 3), (-4, 5), (2, 7), (7, -2)
6. (2, 3), (-4, 5), (2, 7), (-4, -2)
7. (2, 3), (-4, 5), (-2, 7), (7, 7)
8. (2, 3), (-4, 5), (-2, 7), (7, -7)
9. (7, 9), (8, 7), (7, 7), (3, 4)
10. (3, 2), (2, 3), (3, 4), (4, 3)

Ex. (1, 9), (2, 7), (2, 6), (3, 5), (4, 2)



Not a function

D: 1, 2, 3, 4

R: 2, 5, 6, 7, 9