

**What is a
Function?**

**Given
a
Table**

**Given
a
Graph**

**What is a
Relation?**

**Given
Ordered
Pairs**

**Given
a
Mapping**

What is a Relation?

A relation _____

The set of x-values is called the _____.

The set of y-values is called the _____.

Given Ordered Pairs

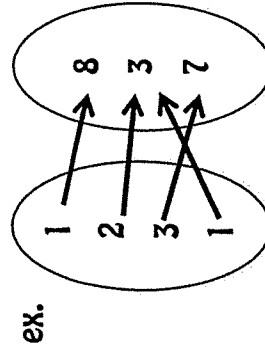
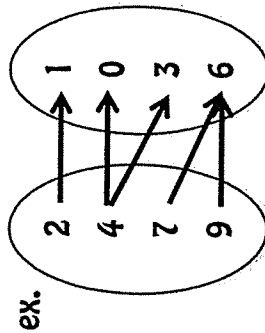
Is the relation a function? If so, state the domain and range.

ex. $\{(1,6), (3,2), (5,7), (6,3), (8,4)\}$

ex. $\{(2,4), (3,6), (3,1), (5,7), (7,8)\}$

Given a Mapping

Is the relation a function? If so, state the domain and range.



What is a Function?

A function _____

1) If x values _____, then the relation is not a function.

2) If a vertical line intersects a graph _____, then it is not a function.

Given a Table

Is the relation a function? If so state the domain and range.

ex.

x	y
1	3
2	1
4	6
2	4
7	8

ex.

x	y
1	4
3	1
5	8
7	2
9	6

Given a Graph

Is the relation a function? If so, state the domain and range.

