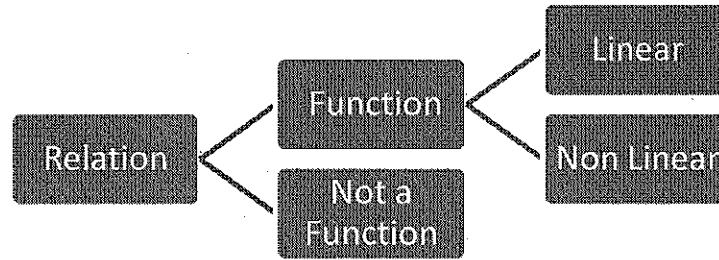# Functions and Relations

Relations are sets of ordered pairs. They can be shown in a variety of ways.
Some relations are also functions. Functions are a special type of relation.
To be a function, there can only be one output assigned to each input.

REPRESENTATION	FUNCTION	NOT A FUNCTION
List of Ordered Pairs *Remember ordered pairs are written (x,y)*	$(1,2),(3,4),(5,6)$	$(1,2),(1,3),(3,6)$
Table		
Graph		
Mapping		