When Relation is Expressed…
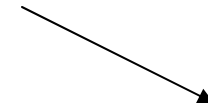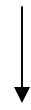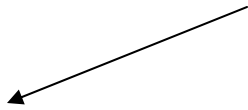
As Ordered Pairs

Test:

_____

_____

As a Table

Test:

_____

_____

As a Graph

Test:

_____

_____

Example 1:

{(0, 1), (1, 3), (2, 3), (3,1)}

Example 2:

{(2, 1), (3, −2), (3, 4), (4,0)}

Example 3:

{(0, 3), (1, 3), (2, 3), (3,3)}

Example 4:

{(0, 1), (0, 2), (0, 3), (0,4)}

Example 1:

x	y
4	0
6	2
8	2
10	0

Example 2:

x	y
3	0
5	1
5	2
7	3

Example 3:

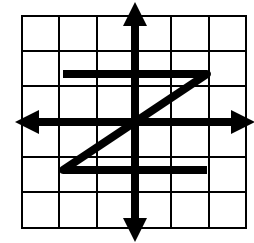| x	y
1	3
1	4
1	5
1	6

Example 1:
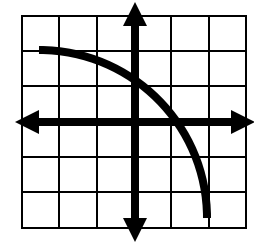
Example 2:
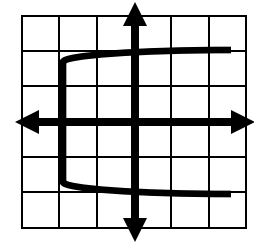
Example 3:

Tests to Determine if a Relation is a Function