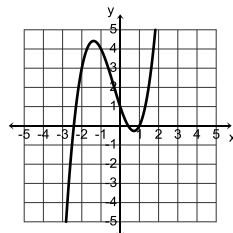
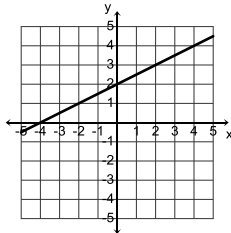
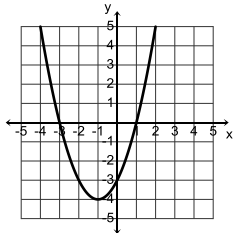


These are Functions

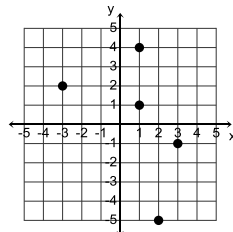
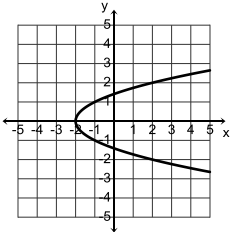
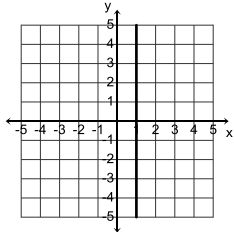


x	y
-2	1
-1	0
0	-1
1	-2
2	-3

x	y
-5	2
0	4
5	6
10	8
15	10

x	y
-3	1
0	1
1	1
8	1
10	1

These are NOT Functions



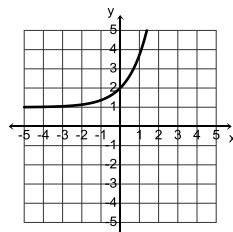
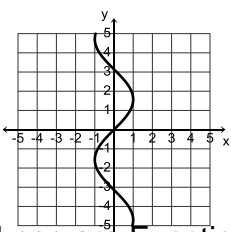
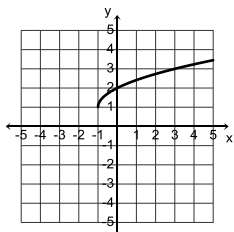
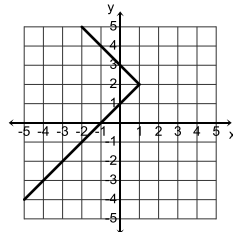
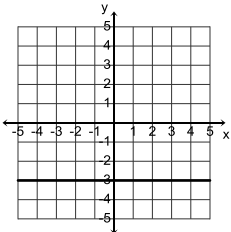
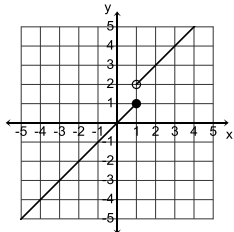
These are NOT Functions

x	y
-1	-3
-1	-2
0	-1
1	0
2	1

x	y
3	1
3	2
3	3
3	4
3	5

x	y
-3	0
0	-1
8	6
8	-1
10	3

Which of the following graphs are functions?
Explain how you decided.



These are Functions

Which of the following tables are functions?
Explain how you decided.

x	y
0	0
1	1
2	4
3	9

x	y
-1	-4
1	-2
5	0
9	2

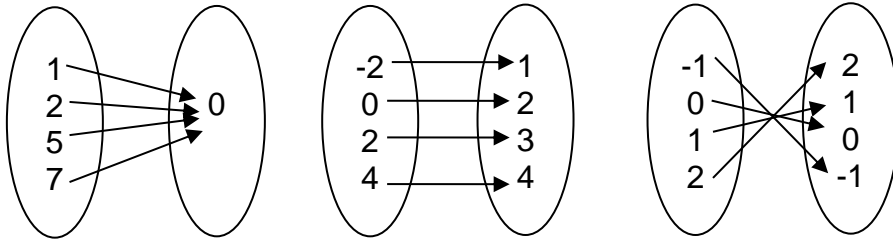
x	y
-1	7
-1	7
1	5
1	5

x	y
-2	5
-2	4
0	3
2	2

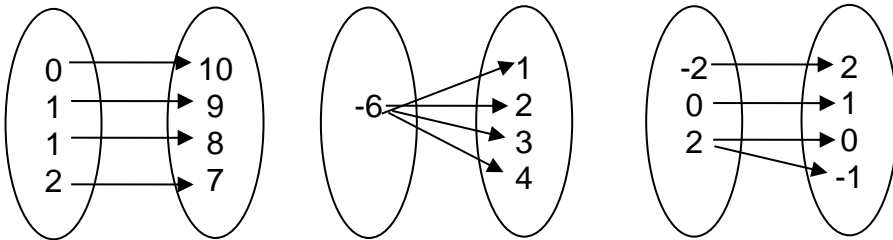
x	y
0	0
1	1
16	4
36	6

x	y
-3	8
0	4
0	0
8	-4

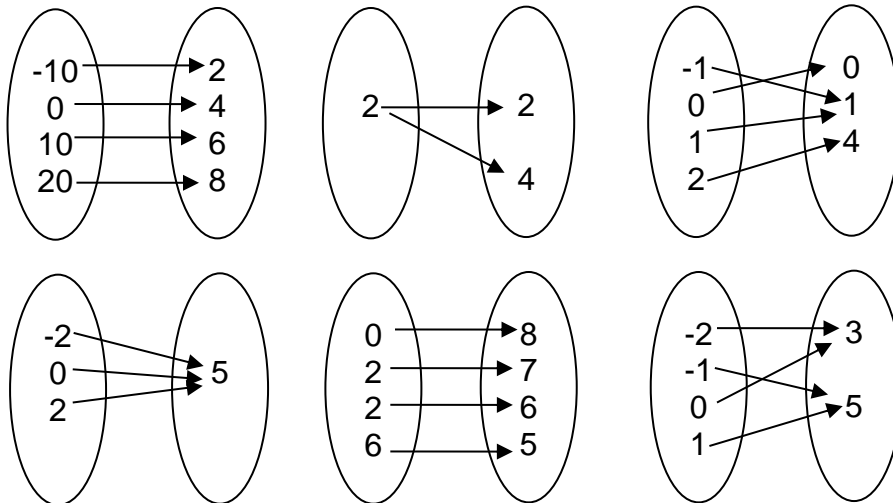
These are Functions



These are NOT Functions



Which of the following mappings are functions?
Explain how you decided.



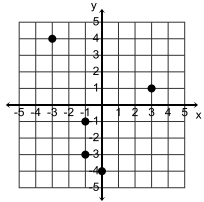
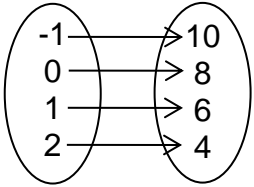
Relation:

Function:

Domain:

Range:

Determine if the following relations are functions. If it is a function, state the domain and range.

<table border="1" style="margin: auto;"> <thead> <tr> <th style="padding: 5px;">x</th> <th style="padding: 5px;">y</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">6</td> <td style="padding: 5px;">2</td> </tr> <tr> <td style="padding: 5px;">10</td> <td style="padding: 5px;">4</td> </tr> <tr> <td style="padding: 5px;">6</td> <td style="padding: 5px;">5</td> </tr> <tr> <td style="padding: 5px;">9</td> <td style="padding: 5px;">8</td> </tr> </tbody> </table>	x	y	6	2	10	4	6	5	9	8	
x	y										
6	2										
10	4										
6	5										
9	8										
function: yes or no	function: yes or no										
D:	D:										
R:	R:										
<p>$\{(3, 6), (4, 10), (8, 12), (4, 10)\}$</p>											
function: yes or no	function: yes or no										
D:	D:										
R:	R:										