In Problems 1-3, write each relation as a map. Then identify the domain and the range of the relation.
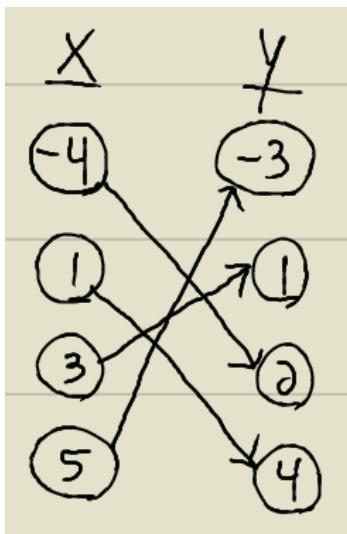
|	
1. X Y -4 -3 1 1 3 2 5 4 Domain: {-4, 1, 3, 5} Range: {-3, 1, 2, 4}	2. X Y -2 -3 -1 1 7 2 Domain: {-2, -1, 7} Range: {-3, 1, 2}
3. X Y 5 1 8 3 Domain: {5, 8} Range: {1, 3}	
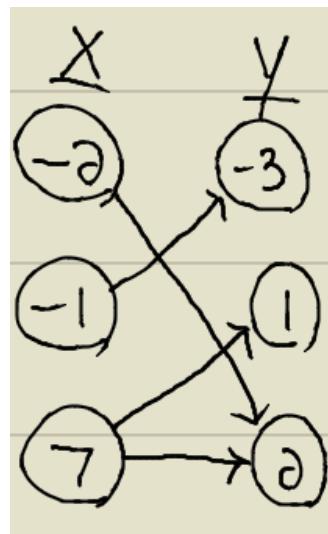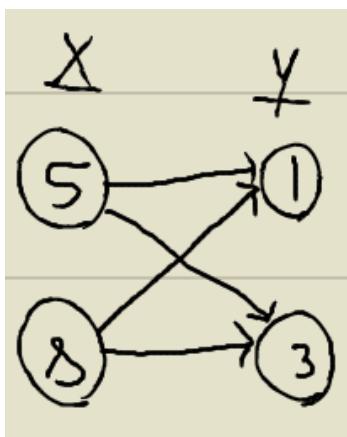
In Problems 4-7, identify the domain and the range of the relation from the graph.

4.
Domain: {-3, -1, 0, 1, 3}
Range: {-2, -1, 1, 4}

5.
Domain: [-2, 3]
Range: [-1, 2]

6.
$Domain : (-\infty, \infty)$
$Range : [2, \infty)$

7.
$Domain : (-\infty, \infty)$
$Range : (-\infty, 1]$

In Problems 8-17, use the graph of the relation to identify the domain and the range of the relation.

8.	9.
$Domain : (-\infty, \infty)$ $Range : (-\infty, \infty)$	$Domain : (-\infty, \infty)$ $Range : (-\infty, \infty)$
10.	11. $y = x^2 - 3$
$Domain : (-\infty, \infty)$ $Range : (-\infty, \infty)$	$Domain : (-\infty, \infty)$ $Range : [-3, \infty)$
12.	13.
$Domain : (-\infty, \infty)$ $Range : (-\infty, 4]$	$Domain : (-\infty, \infty)$ $Range : (-\infty, \infty)$
14.	15.
$Domain : (-\infty, \infty)$ $Range : (-\infty, \infty)$	$Domain : (-\infty, \infty)$ $Range : (-\infty, 4]$

16.	17.
$Domain: (-\infty, \infty)$ $Range: [3, \infty)$	$Domain: (-\infty, \infty)$ $Range: [0, \infty)$