Identifying & Representing Functions Homework

Tell whether each relationship is a function. Explain.

1.)

X		y
3		3
		6
		9
7		12
		15

2.)

X		y
3	→	11
5	→	13
6	→	15
9	→	17
10	→	20

3.)

X		y
4		
8	→	4
12	→	10
20	→	16

4.)

5.)

6.)
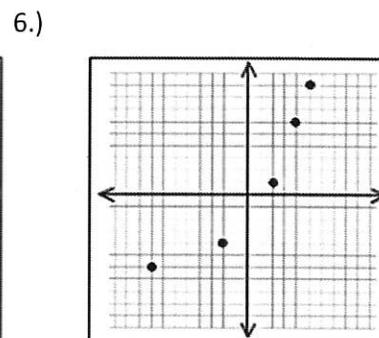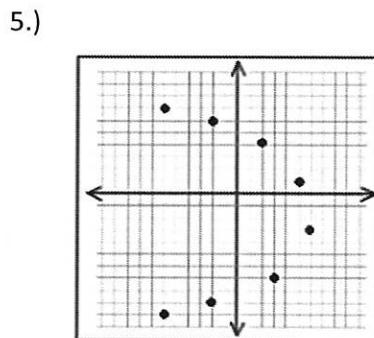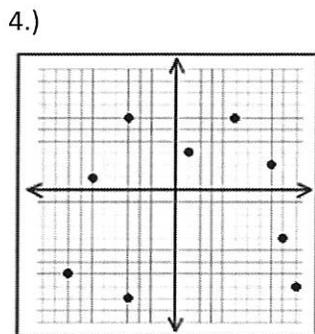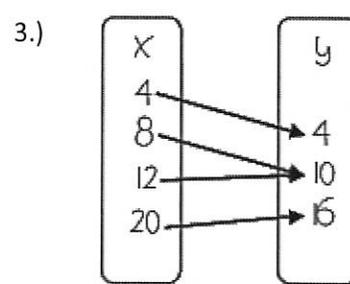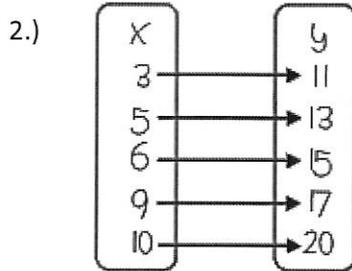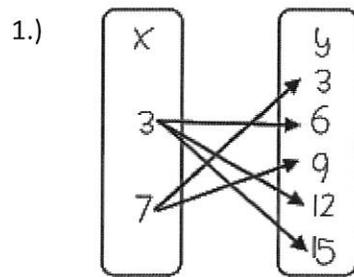
7.)

X	-1	0	1	2
y	5	2	0	2

8.)

X	1	2	3	3
y	4	5	6	9

9.)

X	0	1	2	3
y	5	5	5	5

Identifying & Representing Functions Homework

Create a mapping diagram for the following sets of ordered pairs. Identify if the set is a function and explain.

$(-4, 8), (-2, -3), (-1, 0), (1, 1), (-2, 8), (3, -2)$

$(2, 3), (-4, 5), (-2, 7), (7, 7)$

$(2, 3), (-4, 5), (-2, 7), (7, -7)$