Functions Worksheet

Tell if each relation is a function. Explain.
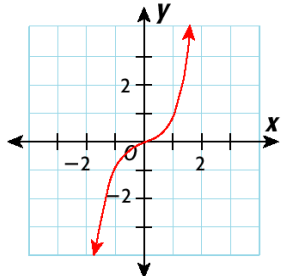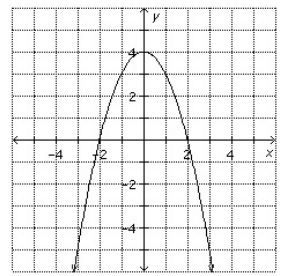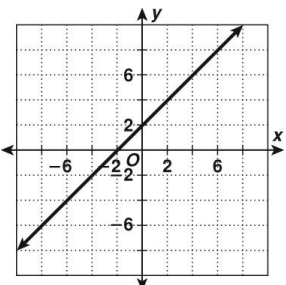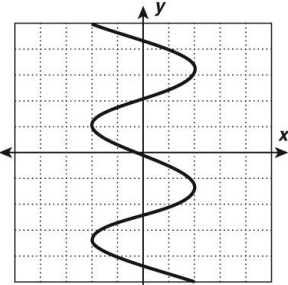
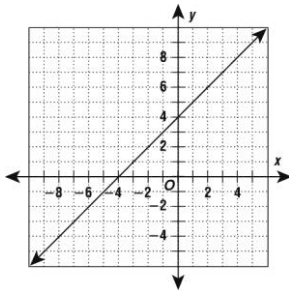| Relation	Is It a Function?	Reason	Relation	Is It a Function?	Reason

A classmate finished his work quickly. His answers are below. Some of them are correct; some are incorrect. Identify which is which. Explain the mistakes he made on the incorrect answers.

Identify which of the following relations is a function.

1.

x	y
-3	-2
-3	7
2	1
4	6

Yes – is a function

2.

x	y
-4	-3
-2	-1
0	0
4	1
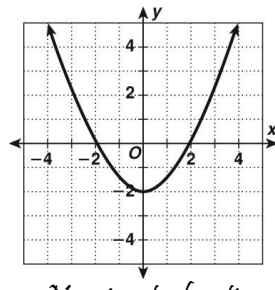
Yes – is a function

3.

x	y
-6	-1
-2	1
2	3
-6	9

No – is not a function

4.

x	y
-2	-1
2	1
7	2
-7	-2

Yes – is a function

5.

Yes – is a function

6.

No – is not a function

7.

No – is not a function

8.
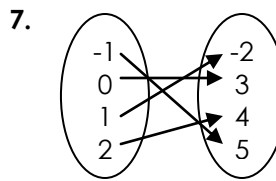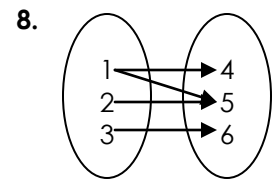
Yes – is a function

1. _____; _____

2. _____; _____

3. _____; _____

4. _____; _____

5. _____; _____

6. _____; _____

7. _____; _____

8. _____; _____