

Identify Linear and Nonlinear Functions From Tables

Linear functions have a constant rate of change. Nonlinear functions do **not** have a constant rate of change.

Determine whether each table shows a linear or nonlinear function. Circle the correct answer.

1

x	y
1	6
2	11
3	16
4	21

Linear Nonlinear

2

x	y
4	16
5	8
6	4
7	2

Linear Nonlinear

3

x	y
1	5
2	4
3	2
4	-1

Linear Nonlinear

4

x	y
-1	7
0	9
1	11
2	13

Linear Nonlinear

5

x	y
2	1
4	3
6	7
8	13

Linear Nonlinear

6

x	y
9	-6
11	-12
15	-24
18	-33

Linear Nonlinear

7

x	y
-2	4
-1	1
2	4
3	9

Linear Nonlinear

8

x	y
9	-1
7	2
5	5
3	8

Linear Nonlinear

9

x	y
21	-3
15	-5
12	-6
-12	-14

Linear Nonlinear