

Constructing a Linear Equation from a Table of Values

Write the equation represented by each table of values.

1.

x	y
-2	2
-1	3
0	4
1	5
2	6

2.

x	y
-5	6
-4	4
-3	2
-2	0
-1	-2

3.

x	y
-6	-6
-5	-3
-4	0
-3	3
-2	6

4.

x	y
0	8
1	6
2	4
3	2
4	0

5.

x	y
0	8
2	6
4	4
6	2
8	0

6.

x	y
0	0
1	-4
2	-8
3	-12
4	-16

7.

x	y
1	5
2	8
3	11
4	14
5	17

8.

x	y
0	-4
1	-10
2	-16
3	-22
4	-28

9.

x	y
0	3
1	7
2	11
3	15
4	19

Answers:

1. $y = x + 4$
2. $y = -2x - 4$
3. $y = 3x + 12$
4. $y = -2x + 8$
5. $y = -x + 8$
6. $y = -4x$
7. $y = 3x + 2$
8. $y = -6x - 4$
9. $y = 4x + 3$