

# Writing equations with 2 variables

## Grade 5 Pre-Algebra Worksheet

Complete the given tables and determine the equation that each describes below.

1.

x	y
1	
2	
3	6
4	7
5	8

Equation:  $y =$  \_\_\_\_\_

2.

x	y
11	8
10	
9	
8	5
7	4

Equation:  $y =$  \_\_\_\_\_

3.

x	y
1	3
3	
5	15
7	21
9	

Equation:  $y =$  \_\_\_\_\_

4.

x	y
0	11
1	12
2	
3	14
4	

Equation:  $y =$  \_\_\_\_\_

5.

x	y
10	2
8	4
6	
4	8
2	

Equation:  $y =$  \_\_\_\_\_

6.

x	y
2	4
4	
6	24
8	32
10	

Equation:  $y =$  \_\_\_\_\_

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Complete the given tables and determine the equation that each describes below.

1.

x	y
1	4
2	5
3	6
4	7
5	8

Equation:  $y = x + 3$

2.

x	y
11	8
10	7
9	6
8	5
7	4

Equation:  $y = x - 3$

3.

x	y
1	3
3	6
5	15
7	21
9	27

Equation:  $y = 3x$

4.

x	y
0	11
1	12
2	13
3	14
4	15

Equation:  $y = x + 11$

5.

x	y
10	2
8	4
6	6
4	8
2	10

Equation:  $y = 12 - x$

6.

x	y
2	4
4	16
6	24
8	32
10	40

Equation:  $y = 4x$