

# 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
12	
10	10
8	8
6	6
4	

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

2.

x	y
1	4
3	6
5	
7	10
9	

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

3.

x	y
0	
1	11
2	12
3	
4	14

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

4.

x	y
0	0
1	4
2	
4	16
6	

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

5.

x	y
30	
20	15
15	10
10	
5	0

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

6.

x	y
12	6
10	5
8	
6	3
4	

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

# 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
12	12
10	10
8	8
6	6
4	4

Equation:  $y = x$

2.

x	y
1	4
3	6
5	8
7	10
9	12

Equation:  $y = x + 3$

3.

x	y
0	10
1	11
2	12
3	13
4	14

Equation:  $y = x + 10$

4.

x	y
0	0
1	4
2	8
4	16
6	24

Equation:  $y = 4x$

5.

x	y
30	25
20	15
15	10
10	5
5	0

Equation:  $y = x - 5$

6.

x	y
12	6
10	5
8	4
6	3
4	2

Equation:  $y = \frac{x}{2}$