




**Writing Functions**

 According to the values of  $x$  and  $y$  in the following relationship, find the right equation.

1)  $\{(1, 3), (2, 6), (3, 9), (4, 12)\}$   $y = \underline{\hspace{2cm}}$

2)  $\{(1, 2), (2, 4), (3, 6), (4, 8)\}$   $y = \underline{\hspace{2cm}}$

3)  $\{(1, 1), (2, 4), (3, 9), (4, 16)\}$   $y = \underline{\hspace{2cm}}$

4)  $\{(1, 4), (2, 8), (3, 12), (4, 16)\}$   $y = \underline{\hspace{2cm}}$

5)  $\{(1, 5), (2, 7), (3, 9), (4, 11)\}$   $y = \underline{\hspace{2cm}}$

6)  $\{(1, 4), (2, 7), (3, 10), (4, 13)\}$   $y = \underline{\hspace{2cm}}$

7)  $\{(1, 6), (2, 10), (3, 14), (4, 18)\}$   $y = \underline{\hspace{2cm}}$

8)  $\{(1, -1), (2, -3), (3, -5), (4, -7)\}$   $y = \underline{\hspace{2cm}}$

9)  $\{(1, 8), (2, 13), (3, 18), (4, 23)\}$   $y = \underline{\hspace{2cm}}$

10)  $\{(1, 9), (2, 16), (3, 23), (4, 30)\}$   $y = \underline{\hspace{2cm}}$

11)  $\{(1, 11), (2, 16), (3, 21), (4, 26)\}$   $y = \underline{\hspace{2cm}}$

12)  $\{(1, 10), (2, 18), (3, 26), (4, 34)\}$   $y = \underline{\hspace{2cm}}$

13)  $\{(1, 1), (2, 7), (3, 17), (4, 31)\}$   $y = \underline{\hspace{2cm}}$

14)  $\{(1, 1), (2, 10), (3, 25), (4, 46)\}$   $y = \underline{\hspace{2cm}}$