

Equations and Patterns

Write an equation for each table:

x	y
2	18
4	36
5	45
6	54

x	y
5	11
7	13
9	15
10	16

x	y
0	0
5	1
10	2
30	6

x	y
10	2
20	12
30	22
80	72

Use the equation to complete the table:

$$y = x + 3$$

x	y
3	
5	
7	
10	

$$y = x - 3$$

x	y
3	
5	
7	
10	

Use the equation to complete the table:

$$y = 2x$$

x	y
4	
6	
20	
50	

$$y = x \div 2$$

x	y
4	
6	
20	
50	

Use the equation to complete the table:

$$y = 2x + 3$$

x	y
0	
1	
3	
10	

$$y = 3x - 4$$

x	y
2	
3	
5	
10	