

# Function Tables and Graphing Ordered Pairs

Grade 5 Geometry Worksheet

1. Find a rule and write as an equation in the solution box. Then, use the equation to find the missing numbers. Graph the ordered pairs on the coordinate plane shown below.

a.

<b>x</b>		6	5	4	3
<b>y</b>	4	3	2	1	

b.

<b>x</b>	0	1	4	3	
<b>y</b>	2	3	6		4

c.

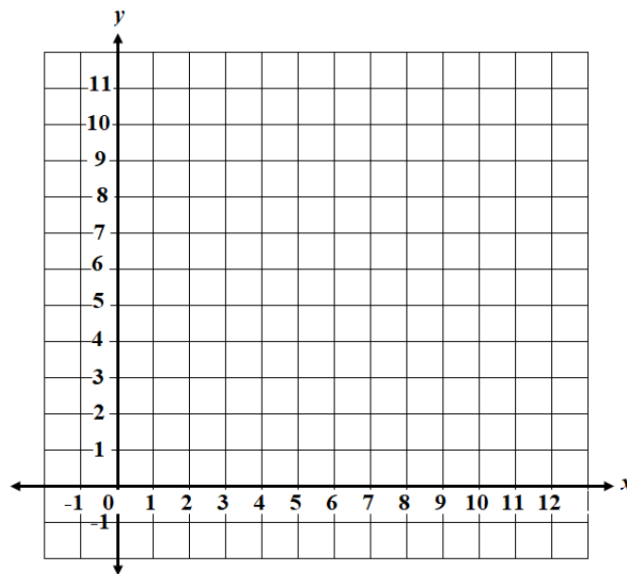
<b>x</b>	5	2	1	4	
<b>y</b>	4	1	0		6

d.

<b>x</b>	2	0	1	3	
<b>y</b>	4	0	2		8

**Solution:**

- a.  
b.  
c.  
d.



2. The function tables shown below each has a rule written in the first cell. Use the rule to find the missing values.

$y = x + 5$	
<b>y</b>	<b>x</b>
	1
	2
9	
	3
12	

$y = 3x - 4$	
<b>y</b>	<b>x</b>
	2
5	
	6
11	
	9

$y = 4x - 3$	
<b>y</b>	<b>x</b>
1	
5	
	3
17	
13	

# Function Tables and Graphing Ordered Pairs

Grade 5 Geometry Answer Sheet

1. Find a rule and write as an equation in the solution box. Then, use the equation to find the missing numbers. Graph the ordered pairs on the coordinate plane shown below.

a.

<b>x</b>	<b>7</b>	6	5	4	3
<b>y</b>	4	3	2	1	<b>0</b>

b.

<b>x</b>	0	1	4	3	<b>2</b>
<b>y</b>	2	3	6	<b>5</b>	4

c.

<b>x</b>	5	2	1	4	<b>7</b>
<b>y</b>	4	1	0	<b>3</b>	6

d.

<b>x</b>	2	0	1	3	<b>4</b>
<b>y</b>	4	0	2	<b>6</b>	8

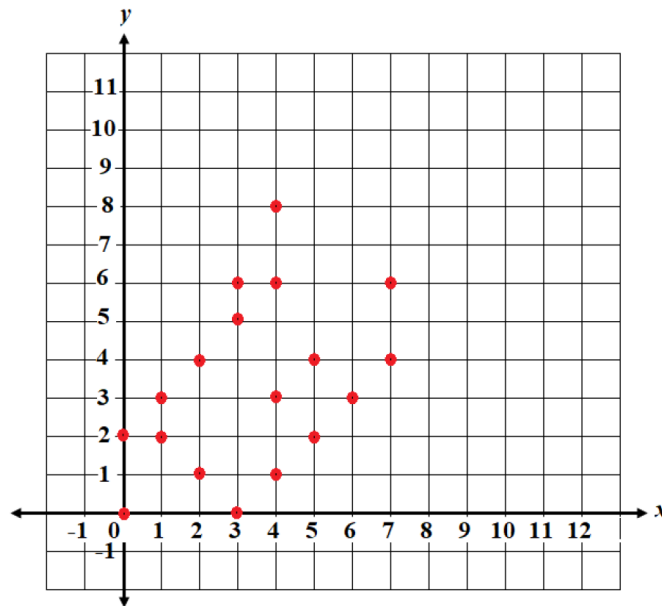
**Solution:**

a.  $y = x - 3$

b.  $y = x + 2$

c.  $y = x - 1$

d.  $y = 2x$



2. The function tables shown below each has a rule written in the first cell. Use the rule to find the missing values.

$y = x + 5$	
<b>y</b>	<b>x</b>
<b>6</b>	1
<b>7</b>	2
9	<b>4</b>
<b>8</b>	3
12	<b>7</b>

$y = 3x - 4$	
<b>y</b>	<b>x</b>
<b>2</b>	2
5	<b>3</b>
<b>14</b>	6
11	<b>5</b>
<b>23</b>	9

$y = 4x - 3$	
<b>y</b>	<b>x</b>
1	<b>1</b>
5	<b>2</b>
<b>9</b>	3
17	<b>5</b>
13	<b>4</b>