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Function Tables and Graphing Ordered Pairs

1. Each function table shown below has a rule written in the first cell. Use the rule to find the missing values.

$y = x + 4$	
y	x
	1
	2
9	
	3
12	

$y = 2x - 3$	
y	x
	1
5	
	6
13	
	9

$y = 3x - 2$	
y	x
1	
4	
	0
7	
10	

2. Find a rule. Write the rule 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.

x	2	0	1	3	
y	4	0	2		8

b.

x	5	2	1	4	
y	4	1	0		6

c.

x	0	1	4	3	
y	2	3	6		4

d.

x	4	6	5	3	
y	1	3	2		4

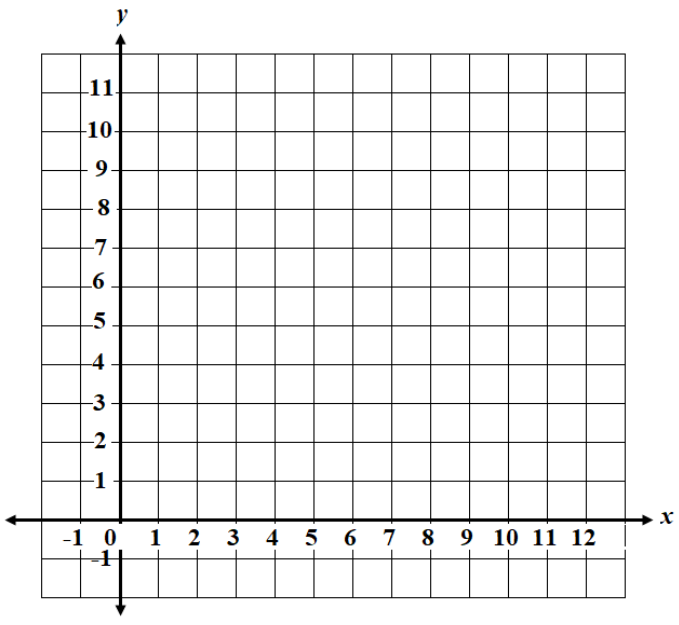
Solution:

a.

b.

c.

d.



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Function Tables and Graphing Ordered Pairs

Answer Key

1. Each function table shown below has a rule written in the first cell. Use the rule to find the missing values.

$y = x + 4$	
y	x
5	1
6	2
9	5
7	3
12	8

$y = 2x - 3$	
y	x
-1	1
5	4
9	6
13	8
15	9

$y = 3x - 2$	
y	x
1	1
4	2
-2	0
7	3
10	4

2. Find a rule. Write the rule 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.

x	2	0	1	3	4
y	4	0	2	6	8

b.

x	5	2	1	4	7
y	4	1	0	3	6

c.

x	0	1	4	3	2
y	2	3	6	5	4

d.

x	4	6	5	3	7
y	1	3	2	0	4

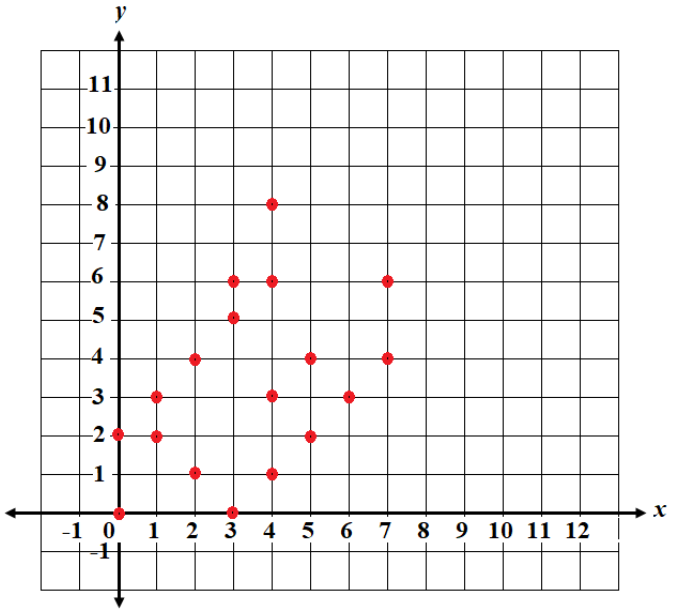
Solution:

a. $y = 2x$

b. $y = x - 1$

c. $y = x + 2$

d. $y = x - 3$



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