

Homework - QUIZ Review
Tables and Function Rule

Name _____

Date _____ Period _____

Choose the correct table that matches the equation. Write the letter of the table on the line.

1. $y = -2x$ _____

A

x	y
0	0
1	-2
2	-4
-1	2

B

x	y
0	2
1	-2
2	4
-1	-2

C

x	y
0	0
1	2
2	4
-1	2

2. $y = x - 5$ _____

A

x	y
0	5
1	-2
2	-1
3	0

B

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

C

x	y
0	-5
1	4
2	-3
3	8

3. $y = -3x + 2$ _____

A

x	y
-1	-5
0	2
1	-1
2	8

B

x	y
-1	5
0	2
1	-1
2	4

C

x	y
-1	5
0	2
1	-1
2	-4

Match the correct equation with the table. Write the letter of the equation on the line.

4.

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

A. $y = -2x - 4$

B. $y = 2x - 4$

C. $y = \frac{1}{2}x + 4$

5.

x	y
2	4
0	3
-2	2
-6	0

A. $y = \frac{1}{2}x - 3$

B. $y = \frac{1}{2}x + 3$

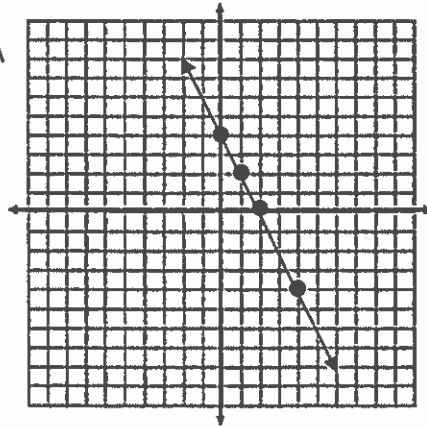
C. $y = -x + 3$

Match each table with the graph that represents the ordered pairs in the table. Write the letter of the graph on the line.

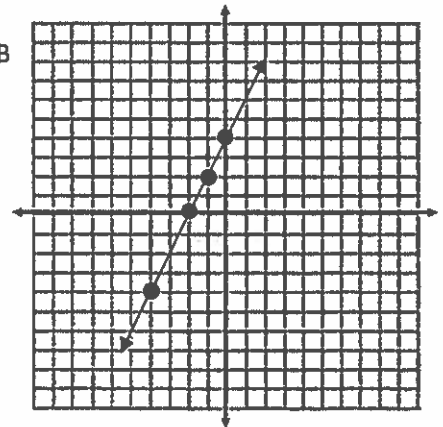
6.

x	y
-2	0
0	4
-1	2
-4	-4

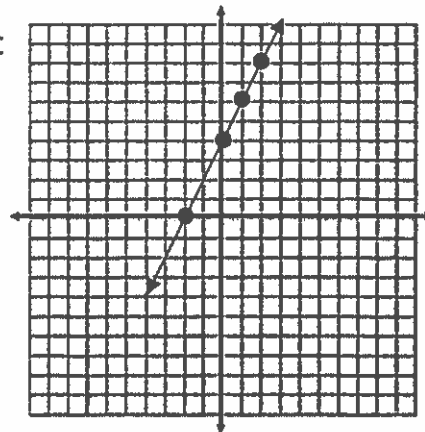
A



B

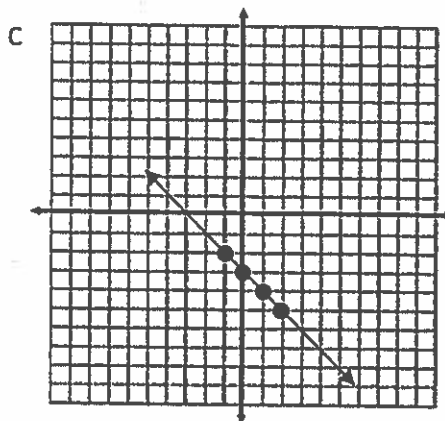
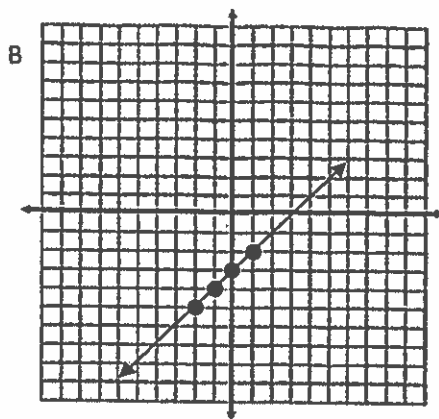
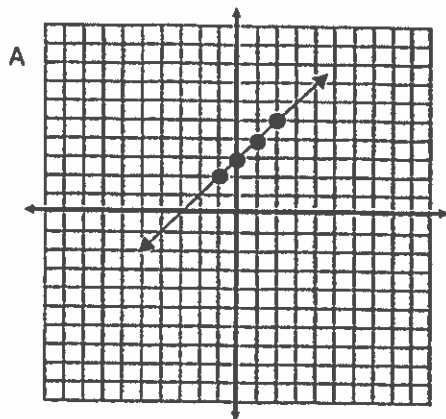


C



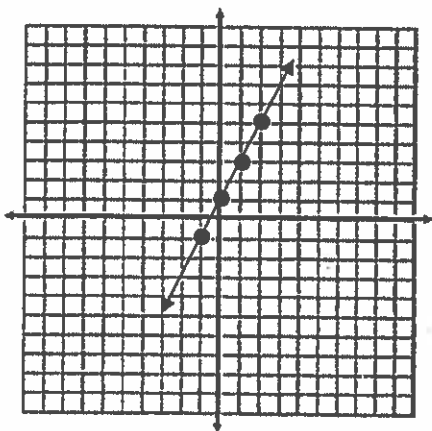
7.

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



Match the table that correctly represents the line on the graph.

8.



A

x	y
-2	5
-1	3
0	1
1	-1

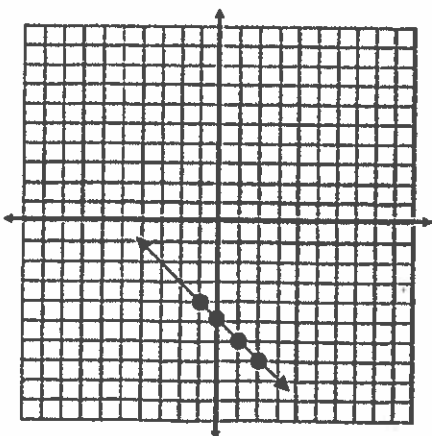
B

x	y
-2	5
-1	-3
0	-1
1	1

C

x	y
2	5
1	3
0	1
-1	-1

9.



A

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

B

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

C

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

Write the function rule for the following tables.

10.

x	y
2	9
5	12
8	15
10	17

11.

x	y
0	-2
2	2
3	4
4	6

12.

x	y
-1	-8
-2	-13
1	2
2	7

13.

x	y
4	8
5	9
8	12
10	14

14.

x	y
-1	6
2	-12
4	-24
6	-36

15.

x	y
1	1
2	-1
3	-3
4	-5

16. Choose the correct description for the input-output table to the right?

- A. add 9
- B. multiply by 3, then add 1
- C. multiply by 3
- D. multiply by 4, then subtract 1

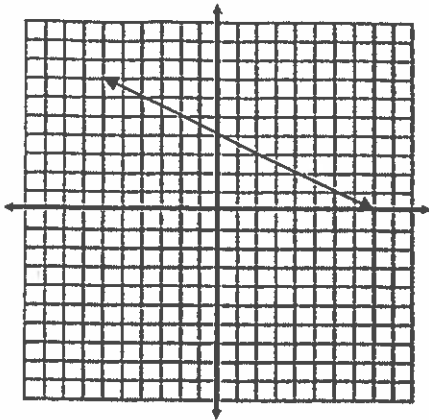
INPUT	OUTPUT
4	13
6	19
9	28
12	37

17. Choose the correct description for the input-output table to the right?

- A. add 2
- B. multiply by 4
- C. add 5
- D. multiply by 4, then add 2

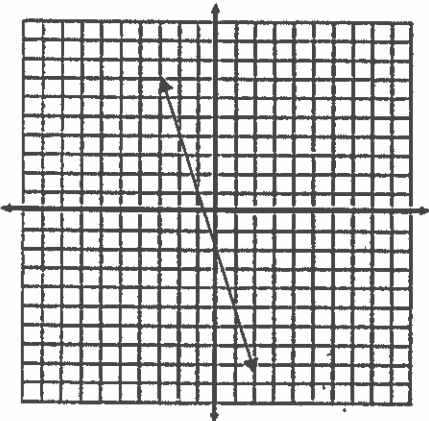
INPUT	OUTPUT
1	6
2	10
3	14
4	18

18. Which equation correctly matches the graph below? _____



- A. $y = -2x + 4$
- B. $y = -\frac{1}{2}x + 4$
- C. $y = 2x - 4$

19. Which equation correctly matches the graph below? _____



- A. $y = 3x - 2$
- B. $y = -3x + 2$
- C. $y = -3x - 2$

20. Which graph correctly shows the line of the given equation? _____

$$y = 5x + 2$$

