Identifying Tables from a Function

Name:

Solve each problem.

1) Which table of values can be defined by the function: y = x×3

A.

x	y
-2	-2
1	1
2	2
3	3

B.

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

C.

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

D.

x	y
-4	-6
-1	3
0	6
1	9

2) Which table of values can be defined by the function: y = 6x×9

A.

x	y
-1	6
2	-12
3	-18
4	-24

B.

x	y
-1	-54
0	0
1	54
4	216

C.

x	y
-2	-3
1	15
2	21
4	33

D.

x	y
-4	2
-3	3
2	8
3	9

3) Which table of values can be defined by the function: y = 2x+2

A.

x	y
-1	-4
1	4
2	8
3	12

B.

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

C.

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

D.

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

4) Which table of values can be defined by the function: y = 3x÷3

A.

x	y
-1	-7
1	7
3	21
4	28

B.

x	y
-2	14
-1	7
3	-21
4	-28

C.

x	y
-4	-31
1	4
3	18
4	25

D.

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

5) Which table of values can be defined by the function: y = x-7

A.

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

B.

x	y
-2	-28
-1	-14
1	14
2	28

C.

x	y
-3	4
-2	5
0	7
3	10

D.

x	y
-1	-8
1	-6
2	-5
3	-4

Answers

1. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Identifying Tables from a Function Name: **Answer Key**

Solve each problem.

1) Which table of values can be defined by the function: y = x×3

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1	1
2	2
3	3

B.

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

C.

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

D.

x	y
-4	-6
-1	3
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1	9

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D.

x	y
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-3	3
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3	12

B.

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

C.

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

D.

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

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-3	4
-2	5
0	7
3	10

D.

x	y
-1	-8
1	-6
2	-5
3	-4

Answers

1. **B**
2. **B**
3. **B**
4. **D**
5. **D**