Identifying Tables from a Function

Name:

Solve each problem.

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

A.

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

B.

x	y
-4	8
-2	4
-1	2
4	-8

C.

x	y
-3	-3
-2	-1
1	5
2	7

D.

x	y
0	0
1	1
2	2
3	3

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

A.

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

B.

x	y
-3	-18
-1	-6
0	0
2	12

C.

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

D.

x	y
-1	-11
0	-5
2	7
3	13

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

A.

x	y
-4	-196
-1	-49
1	49
2	98

B.

x	y
-3	-14
0	7
3	28
4	35

C.

x	y
-4	-11
-2	-9
0	-7
1	-6

D.

x	y
-4	-35
0	-7
2	7
4	21

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

A.

x	y
-2	-1
0	7
2	15
3	19

B.

x	y
-3	-12
-2	-8
-1	-4
0	0

C.

x	y
-3	-7
-1	-5
0	-4
4	0

D.

x	y
-2	-56
-1	-28
1	28
2	56

5) Which table of values can be defined by the function: y = x×(-2)

A.

x	y
-1	-12
0	0
1	12
3	36

B.

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

C.

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

D.

x	y
-2	-10
1	-4
2	-2
3	0

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 = 2x×3

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-2	-12
1	6
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x	y
-4	8
-2	4
-1	2
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C.

x	y
-3	-3
-2	-1
1	5
2	7

D.

x	y
0	0
1	1
2	2
3	3

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

A.

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

B.

x	y
-3	-18
-1	-6
0	0
2	12

C.

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

D.

x	y
-1	-11
0	-5
2	7
3	13

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

A.

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-1	-49
1	49
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B.

x	y
-3	-14
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4	35

C.

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0	-7
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x	y
-3	-7
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D.

x	y
-2	-56
-1	-28
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x	y
-3	-3
-1	-1
1	1
2	2

D.

x	y
-2	-10
1	-4
2	-2
3	0

Answers

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