Identifying Tables from a Function Name:

Solve each problem.

1) Which table of values can be defined by the function: y = x-9

A.

x	y
-4	5
-3	6
0	9
1	10

B.

x	y
-2	-11
-1	-10
1	-8
4	-5

C.

x	y
-1	-36
1	36
2	72
4	144

D.

x	y
-4	-32
-2	-14
2	22
4	40

2) Which table of values can be defined by the function: y = 8x-7

A.

x	y
-2	-23
0	-7
2	9
3	17

B.

x	y
-3	5
0	8
1	9
3	11

C.

x	y
-2	-9
-1	-1
2	23
3	31

D.

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

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

A.

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

B.

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

C.

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

D.

x	y
-1	5
0	7
2	11
3	13

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

A.

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

B.

x	y
-2	2
-1	4
0	6
3	12

C.

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

D.

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

5) Which table of values can be defined by the function: y = 8x÷8

A.

x	y
-2	1
-1	2
0	3
4	7

B.

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

C.

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

D.

x	y
-3	9
-1	3
0	0
3	-9

Answers

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

1-5	80	60	40	20	0

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-3	6
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1	10

B.

x	y
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-1	-10
1	-8
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x	y
-3	5
0	8
1	9
3	11

C.

x	y
-2	-9
-1	-1
2	23
3	31

D.

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

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

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

B.

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

C.

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

D.

x	y
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C.

x	y
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-1	1
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4	6

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5) Which table of values can be defined by the function: y = 8x÷8

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x	y
-2	1
-1	2
0	3
4	7

B.

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

C.

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

D.

x	y
-3	9
-1	3
0	0
3	-9

Answers

1. **B**
2. **A**
3. **C**
4. **C**
5. **C**

1-5	80	60	40	20	0