



Solve each problem.

Answers

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>6</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>-2</td></tr></tbody></table>	x	y	-3	6	-1	2	0	0	1	-2
x	y										
-3	6										
-1	2										
0	0										
1	-2										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-4</td></tr><tr><td>-3</td><td>-3</td></tr><tr><td>-2</td><td>-2</td></tr><tr><td>3</td><td>3</td></tr></tbody></table>	x	y	-4	-4	-3	-3	-2	-2	3	3
x	y										
-4	-4										
-3	-3										
-2	-2										
3	3										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-64</td></tr><tr><td>-3</td><td>-48</td></tr><tr><td>1</td><td>16</td></tr><tr><td>2</td><td>32</td></tr></tbody></table>	x	y	-4	-64	-3	-48	1	16	2	32
x	y										
-4	-64										
-3	-48										
1	16										
2	32										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-16</td></tr><tr><td>-3</td><td>-14</td></tr><tr><td>-1</td><td>-10</td></tr><tr><td>1</td><td>-6</td></tr></tbody></table>	x	y	-4	-16	-3	-14	-1	-10	1	-6
x	y										
-4	-16										
-3	-14										
-1	-10										
1	-6										

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

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-3</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>3</td></tr><tr><td>3</td><td>9</td></tr></tbody></table>	x	y	-1	-3	0	0	1	3	3	9
x	y										
-1	-3										
0	0										
1	3										
3	9										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>1</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>0</td><td>3</td></tr><tr><td>1</td><td>4</td></tr></tbody></table>	x	y	-2	1	-1	2	0	3	1	4
x	y										
-2	1										
-1	2										
0	3										
1	4										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>3</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>-3</td></tr><tr><td>2</td><td>-6</td></tr></tbody></table>	x	y	-1	3	0	0	1	-3	2	-6
x	y										
-1	3										
0	0										
1	-3										
2	-6										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-5</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>2</td><td>-1</td></tr><tr><td>4</td><td>1</td></tr></tbody></table>	x	y	-2	-5	1	-2	2	-1	4	1
x	y										
-2	-5										
1	-2										
2	-1										
4	1										

3) Which table of values can be defined by the function: $y = x \times (-6)$

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-16</td></tr><tr><td>-1</td><td>-10</td></tr><tr><td>0</td><td>-4</td></tr><tr><td>1</td><td>2</td></tr></tbody></table>	x	y	-2	-16	-1	-10	0	-4	1	2
x	y										
-2	-16										
-1	-10										
0	-4										
1	2										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-8</td></tr><tr><td>-1</td><td>-2</td></tr><tr><td>1</td><td>10</td></tr><tr><td>2</td><td>16</td></tr></tbody></table>	x	y	-2	-8	-1	-2	1	10	2	16
x	y										
-2	-8										
-1	-2										
1	10										
2	16										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>24</td></tr><tr><td>-2</td><td>12</td></tr><tr><td>2</td><td>-12</td></tr><tr><td>4</td><td>-24</td></tr></tbody></table>	x	y	-4	24	-2	12	2	-12	4	-24
x	y										
-4	24										
-2	12										
2	-12										
4	-24										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-72</td></tr><tr><td>-2</td><td>-48</td></tr><tr><td>-1</td><td>-24</td></tr><tr><td>3</td><td>72</td></tr></tbody></table>	x	y	-3	-72	-2	-48	-1	-24	3	72
x	y										
-3	-72										
-2	-48										
-1	-24										
3	72										

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-12</td></tr><tr><td>1</td><td>3</td></tr><tr><td>2</td><td>6</td></tr><tr><td>3</td><td>9</td></tr></tbody></table>	x	y	-4	-12	1	3	2	6	3	9
x	y										
-4	-12										
1	3										
2	6										
3	9										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-12</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-6</td></tr><tr><td>2</td><td>-3</td></tr></tbody></table>	x	y	-1	-12	0	-9	1	-6	2	-3
x	y										
-1	-12										
0	-9										
1	-6										
2	-3										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-108</td></tr><tr><td>-2</td><td>-54</td></tr><tr><td>-1</td><td>-27</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>	x	y	-4	-108	-2	-54	-1	-27	0	0
x	y										
-4	-108										
-2	-54										
-1	-27										
0	0										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-2</td></tr><tr><td>1</td><td>1</td></tr><tr><td>3</td><td>3</td></tr><tr><td>4</td><td>4</td></tr></tbody></table>	x	y	-2	-2	1	1	3	3	4	4
x	y										
-2	-2										
1	1										
3	3										
4	4										

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-7</td></tr><tr><td>-1</td><td>-5</td></tr><tr><td>0</td><td>-4</td></tr><tr><td>2</td><td>-2</td></tr></tbody></table>	x	y	-3	-7	-1	-5	0	-4	2	-2
x	y										
-3	-7										
-1	-5										
0	-4										
2	-2										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-20</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>40</td></tr><tr><td>4</td><td>80</td></tr></tbody></table>	x	y	-1	-20	0	0	2	40	4	80
x	y										
-1	-20										
0	0										
2	40										
4	80										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>1</td></tr><tr><td>-2</td><td>2</td></tr><tr><td>-1</td><td>3</td></tr><tr><td>2</td><td>6</td></tr></tbody></table>	x	y	-3	1	-2	2	-1	3	2	6
x	y										
-3	1										
-2	2										
-1	3										
2	6										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>8</td></tr><tr><td>-1</td><td>4</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>-4</td></tr></tbody></table>	x	y	-2	8	-1	4	0	0	1	-4
x	y										
-2	8										
-1	4										
0	0										
1	-4										



Solve each problem.

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

A.

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

B.

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

C.

x	y
-4	-64
-3	-48
1	16
2	32

D.

x	y
-4	-16
-3	-14
-1	-10
1	-6

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

A.

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

B.

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

C.

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

D.

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

3) Which table of values can be defined by the function: $y = x \times (-6)$

A.

x	y
-2	-16
-1	-10
0	-4
1	2

B.

x	y
-2	-8
-1	-2
1	10
2	16

C.

x	y
-4	24
-2	12
2	-12
4	-24

D.

x	y
-3	-72
-2	-48
-1	-24
3	72

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

A.

x	y
-4	-12
1	3
2	6
3	9

B.

x	y
-1	-12
0	-9
1	-6
2	-3

C.

x	y
-4	-108
-2	-54
-1	-27
0	0

D.

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

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

A.

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

B.

x	y
-1	-20
0	0
2	40
4	80

C.

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

D.

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

Answers

1. **D**

2. **D**

3. **C**

4. **A**

5. **C**