



Solve each problem.

**Answers**

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>5</td></tr><tr><td>-3</td><td>6</td></tr><tr><td>0</td><td>9</td></tr><tr><td>1</td><td>10</td></tr></tbody></table>	x	y	-4	5	-3	6	0	9	1	10
x	y										
-4	5										
-3	6										
0	9										
1	10										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-11</td></tr><tr><td>-1</td><td>-10</td></tr><tr><td>1</td><td>-8</td></tr><tr><td>4</td><td>-5</td></tr></tbody></table>	x	y	-2	-11	-1	-10	1	-8	4	-5
x	y										
-2	-11										
-1	-10										
1	-8										
4	-5										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-36</td></tr><tr><td>1</td><td>36</td></tr><tr><td>2</td><td>72</td></tr><tr><td>4</td><td>144</td></tr></tbody></table>	x	y	-1	-36	1	36	2	72	4	144
x	y										
-1	-36										
1	36										
2	72										
4	144										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-32</td></tr><tr><td>-2</td><td>-14</td></tr><tr><td>2</td><td>22</td></tr><tr><td>4</td><td>40</td></tr></tbody></table>	x	y	-4	-32	-2	-14	2	22	4	40
x	y										
-4	-32										
-2	-14										
2	22										
4	40										

1. \_\_\_\_\_

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-23</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>2</td><td>9</td></tr><tr><td>3</td><td>17</td></tr></tbody></table>	x	y	-2	-23	0	-7	2	9	3	17
x	y										
-2	-23										
0	-7										
2	9										
3	17										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>5</td></tr><tr><td>0</td><td>8</td></tr><tr><td>1</td><td>9</td></tr><tr><td>3</td><td>11</td></tr></tbody></table>	x	y	-3	5	0	8	1	9	3	11
x	y										
-3	5										
0	8										
1	9										
3	11										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-9</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>2</td><td>23</td></tr><tr><td>3</td><td>31</td></tr></tbody></table>	x	y	-2	-9	-1	-1	2	23	3	31
x	y										
-2	-9										
-1	-1										
2	23										
3	31										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-1</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr></tbody></table>	x	y	-1	-1	0	0	1	1	2	2
x	y										
-1	-1										
0	0										
1	1										
2	2										

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-1</td></tr><tr><td>1</td><td>3</td></tr><tr><td>2</td><td>4</td></tr><tr><td>3</td><td>5</td></tr></tbody></table>	x	y	-3	-1	1	3	2	4	3	5
x	y										
-3	-1										
1	3										
2	4										
3	5										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-3</td></tr><tr><td>-2</td><td>-2</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>4</td><td>4</td></tr></tbody></table>	x	y	-3	-3	-2	-2	-1	-1	4	4
x	y										
-3	-3										
-2	-2										
-1	-1										
4	4										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-6</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>2</td></tr><tr><td>4</td><td>8</td></tr></tbody></table>	x	y	-3	-6	0	0	1	2	4	8
x	y										
-3	-6										
0	0										
1	2										
4	8										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>5</td></tr><tr><td>0</td><td>7</td></tr><tr><td>2</td><td>11</td></tr><tr><td>3</td><td>13</td></tr></tbody></table>	x	y	-1	5	0	7	2	11	3	13
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.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>4</td></tr><tr><td>2</td><td>-4</td></tr><tr><td>3</td><td>-6</td></tr><tr><td>4</td><td>-8</td></tr></tbody></table>	x	y	-2	4	2	-4	3	-6	4	-8
x	y										
-2	4										
2	-4										
3	-6										
4	-8										
B.	<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>4</td></tr><tr><td>0</td><td>6</td></tr><tr><td>3</td><td>12</td></tr></tbody></table>	x	y	-2	2	-1	4	0	6	3	12
x	y										
-2	2										
-1	4										
0	6										
3	12										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>0</td></tr><tr><td>-1</td><td>1</td></tr><tr><td>0</td><td>2</td></tr><tr><td>4</td><td>6</td></tr></tbody></table>	x	y	-2	0	-1	1	0	2	4	6
x	y										
-2	0										
-1	1										
0	2										
4	6										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>-2</td></tr><tr><td>1</td><td>-1</td></tr><tr><td>3</td><td>1</td></tr><tr><td>4</td><td>2</td></tr></tbody></table>	x	y	0	-2	1	-1	3	1	4	2
x	y										
0	-2										
1	-1										
3	1										
4	2										

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

A.	<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>4</td><td>7</td></tr></tbody></table>	x	y	-2	1	-1	2	0	3	4	7
x	y										
-2	1										
-1	2										
0	3										
4	7										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>-3</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	0	-3	1	-2	2	-1	4	1
x	y										
0	-3										
1	-2										
2	-1										
4	1										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-3</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></tbody></table>	x	y	-3	-3	1	1	2	2	3	3
x	y										
-3	-3										
1	1										
2	2										
3	3										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>9</td></tr><tr><td>-1</td><td>3</td></tr><tr><td>0</td><td>0</td></tr><tr><td>3</td><td>-9</td></tr></tbody></table>	x	y	-3	9	-1	3	0	0	3	-9
x	y										
-3	9										
-1	3										
0	0										
3	-9										



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:  $y = x \times 2$

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:  $y = 8x \div 8$

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. **B**

2. **A**

3. **C**

4. **C**

5. **C**