



Solve each problem.

**Answers**

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-4</td></tr><tr><td>0</td><td>3</td></tr><tr><td>1</td><td>10</td></tr><tr><td>4</td><td>31</td></tr></tbody></table>	x	y	-1	-4	0	3	1	10	4	31
x	y										
-1	-4										
0	3										
1	10										
4	31										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>21</td></tr><tr><td>-1</td><td>7</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>-14</td></tr></tbody></table>	x	y	-3	21	-1	7	0	0	2	-14
x	y										
-3	21										
-1	7										
0	0										
2	-14										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-42</td></tr><tr><td>-1</td><td>-21</td></tr><tr><td>2</td><td>42</td></tr><tr><td>3</td><td>63</td></tr></tbody></table>	x	y	-2	-42	-1	-21	2	42	3	63
x	y										
-2	-42										
-1	-21										
2	42										
3	63										
D.	<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										

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

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-8</td></tr><tr><td>-2</td><td>-6</td></tr><tr><td>2</td><td>-2</td></tr><tr><td>4</td><td>0</td></tr></tbody></table>	x	y	-4	-8	-2	-6	2	-2	4	0
x	y										
-4	-8										
-2	-6										
2	-2										
4	0										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>1</td><td>-4</td></tr><tr><td>2</td><td>-8</td></tr><tr><td>3</td><td>-12</td></tr><tr><td>4</td><td>-16</td></tr></tbody></table>	x	y	1	-4	2	-8	3	-12	4	-16
x	y										
1	-4										
2	-8										
3	-12										
4	-16										
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>0</td><td>0</td></tr><tr><td>1</td><td>16</td></tr></tbody></table>	x	y	-4	-64	-3	-48	0	0	1	16
x	y										
-4	-64										
-3	-48										
0	0										
1	16										
D.	<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										

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

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

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

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

3) 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>-1</td><td>-12</td></tr><tr><td>1</td><td>6</td></tr><tr><td>2</td><td>15</td></tr><tr><td>4</td><td>33</td></tr></tbody></table>	x	y	-1	-12	1	6	2	15	4	33
x	y										
-1	-12										
1	6										
2	15										
4	33										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>8</td></tr><tr><td>0</td><td>9</td></tr><tr><td>2</td><td>11</td></tr><tr><td>3</td><td>12</td></tr></tbody></table>	x	y	-1	8	0	9	2	11	3	12
x	y										
-1	8										
0	9										
2	11										
3	12										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-13</td></tr><tr><td>-3</td><td>-12</td></tr><tr><td>-1</td><td>-10</td></tr><tr><td>2</td><td>-7</td></tr></tbody></table>	x	y	-4	-13	-3	-12	-1	-10	2	-7
x	y										
-4	-13										
-3	-12										
-1	-10										
2	-7										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>18</td></tr><tr><td>-1</td><td>9</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>-18</td></tr></tbody></table>	x	y	-2	18	-1	9	0	0	2	-18
x	y										
-2	18										
-1	9										
0	0										
2	-18										

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-12</td></tr><tr><td>-1</td><td>-4</td></tr><tr><td>1</td><td>4</td></tr><tr><td>2</td><td>8</td></tr></tbody></table>	x	y	-3	-12	-1	-4	1	4	2	8
x	y										
-3	-12										
-1	-4										
1	4										
2	8										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-21</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>2</td><td>-1</td></tr></tbody></table>	x	y	-3	-21	0	-9	1	-5	2	-1
x	y										
-3	-21										
0	-9										
1	-5										
2	-1										
C.	<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>12</td></tr><tr><td>-2</td><td>8</td></tr><tr><td>-1</td><td>4</td></tr></tbody></table>	x	y	-4	16	-3	12	-2	8	-1	4
x	y										
-4	16										
-3	12										
-2	8										
-1	4										
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>1</td><td>-3</td></tr><tr><td>2</td><td>-2</td></tr><tr><td>3</td><td>-1</td></tr></tbody></table>	x	y	-1	-5	1	-3	2	-2	3	-1
x	y										
-1	-5										
1	-3										
2	-2										
3	-1										

5) Which table of values can be defined by the function:  $y = 3x \times 5$

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-45</td></tr><tr><td>-1</td><td>-15</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>30</td></tr></tbody></table>	x	y	-3	-45	-1	-15	0	0	2	30
x	y										
-3	-45										
-1	-15										
0	0										
2	30										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-4</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>2</td><td>-1</td></tr><tr><td>3</td><td>0</td></tr></tbody></table>	x	y	-1	-4	1	-2	2	-1	3	0
x	y										
-1	-4										
1	-2										
2	-1										
3	0										
C.	<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>4</td></tr><tr><td>2</td><td>5</td></tr><tr><td>4</td><td>7</td></tr></tbody></table>	x	y	0	3	1	4	2	5	4	7
x	y										
0	3										
1	4										
2	5										
4	7										
D.	<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>-1</td><td>-1</td></tr><tr><td>0</td><td>0</td></tr></tbody></table>	x	y	-4	-4	-3	-3	-1	-1	0	0
x	y										
-4	-4										
-3	-3										
-1	-1										
0	0										



Solve each problem.

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

A. 

x	y
-1	-4
0	3
1	10
4	31

B. 

x	y
-3	21
-1	7
0	0
2	-14

C. 

x	y
-2	-42
-1	-21
2	42
3	63

D. 

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

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

A. 

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

B. 

x	y
1	-4
2	-8
3	-12
4	-16

C. 

x	y
-4	-64
-3	-48
0	0
1	16

D. 

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

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

A. 

x	y
-1	-12
1	6
2	15
4	33

B. 

x	y
-1	8
0	9
2	11
3	12

C. 

x	y
-4	-13
-3	-12
-1	-10
2	-7

D. 

x	y
-2	18
-1	9
0	0
2	-18

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

A. 

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

B. 

x	y
-3	-21
0	-9
1	-5
2	-1

C. 

x	y
-4	16
-3	12
-2	8
-1	4

D. 

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

5) Which table of values can be defined by the function:  $y = 3x \times 5$

A. 

x	y
-3	-45
-1	-15
0	0
2	30

B. 

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

C. 

x	y
0	3
1	4
2	5
4	7

D. 

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

Answers

1. **D**

2. **B**

3. **C**

4. **A**

5. **A**