



Solve each problem.

**Answers**

1) Which table of values can be defined by the function:  $y = 7x \div 7$

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

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

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

A.	<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>6</td></tr><tr><td>0</td><td>7</td></tr><tr><td>1</td><td>8</td></tr></tbody></table>	x	y	-2	5	-1	6	0	7	1	8
x	y										
-2	5										
-1	6										
0	7										
1	8										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-10</td></tr><tr><td>-2</td><td>-9</td></tr><tr><td>-1</td><td>-8</td></tr><tr><td>0</td><td>-7</td></tr></tbody></table>	x	y	-3	-10	-2	-9	-1	-8	0	-7
x	y										
-3	-10										
-2	-9										
-1	-8										
0	-7										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-4</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>1</td><td>1</td></tr><tr><td>4</td><td>4</td></tr></tbody></table>	x	y	-4	-4	-1	-1	1	1	4	4
x	y										
-4	-4										
-1	-1										
1	1										
4	4										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-56</td></tr><tr><td>1</td><td>56</td></tr><tr><td>2</td><td>112</td></tr><tr><td>3</td><td>168</td></tr></tbody></table>	x	y	-1	-56	1	56	2	112	3	168
x	y										
-1	-56										
1	56										
2	112										
3	168										

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

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

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

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

3) 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>16</td></tr><tr><td>-3</td><td>12</td></tr><tr><td>-1</td><td>4</td></tr><tr><td>1</td><td>-4</td></tr></tbody></table>	x	y	-4	16	-3	12	-1	4	1	-4
x	y										
-4	16										
-3	12										
-1	4										
1	-4										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-17</td></tr><tr><td>-1</td><td>-13</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-5</td></tr></tbody></table>	x	y	-2	-17	-1	-13	0	-9	1	-5
x	y										
-2	-17										
-1	-13										
0	-9										
1	-5										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>4</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>6</td></tr><tr><td>3</td><td>7</td></tr></tbody></table>	x	y	0	4	1	5	2	6	3	7
x	y										
0	4										
1	5										
2	6										
3	7										
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>-2</td><td>1</td></tr><tr><td>-1</td><td>5</td></tr><tr><td>4</td><td>25</td></tr></tbody></table>	x	y	-3	-3	-2	1	-1	5	4	25
x	y										
-3	-3										
-2	1										
-1	5										
4	25										

4) Which table of values can be defined by the function:  $y = x-6$

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-23</td></tr><tr><td>-2</td><td>-17</td></tr><tr><td>-1</td><td>-11</td></tr><tr><td>3</td><td>13</td></tr></tbody></table>	x	y	-3	-23	-2	-17	-1	-11	3	13
x	y										
-3	-23										
-2	-17										
-1	-11										
3	13										
B.	<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>-1</td><td>-6</td></tr><tr><td>1</td><td>6</td></tr></tbody></table>	x	y	-4	-24	-2	-12	-1	-6	1	6
x	y										
-4	-24										
-2	-12										
-1	-6										
1	6										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-30</td></tr><tr><td>1</td><td>30</td></tr><tr><td>2</td><td>60</td></tr><tr><td>3</td><td>90</td></tr></tbody></table>	x	y	-1	-30	1	30	2	60	3	90
x	y										
-1	-30										
1	30										
2	60										
3	90										
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>-5</td></tr><tr><td>2</td><td>-4</td></tr><tr><td>3</td><td>-3</td></tr></tbody></table>	x	y	-3	-9	1	-5	2	-4	3	-3
x	y										
-3	-9										
1	-5										
2	-4										
3	-3										

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-6</td></tr><tr><td>-1</td><td>-3</td></tr><tr><td>1</td><td>3</td></tr><tr><td>3</td><td>9</td></tr></tbody></table>	x	y	-2	-6	-1	-3	1	3	3	9
x	y										
-2	-6										
-1	-3										
1	3										
3	9										
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>0</td><td>-3</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>2</td><td>-1</td></tr></tbody></table>	x	y	-1	-4	0	-3	1	-2	2	-1
x	y										
-1	-4										
0	-3										
1	-2										
2	-1										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-81</td></tr><tr><td>-2</td><td>-54</td></tr><tr><td>1</td><td>27</td></tr><tr><td>2</td><td>54</td></tr></tbody></table>	x	y	-3	-81	-2	-54	1	27	2	54
x	y										
-3	-81										
-2	-54										
1	27										
2	54										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-3</td></tr><tr><td>0</td><td>9</td></tr><tr><td>1</td><td>12</td></tr><tr><td>3</td><td>18</td></tr></tbody></table>	x	y	-4	-3	0	9	1	12	3	18
x	y										
-4	-3										
0	9										
1	12										
3	18										



Solve each problem.

1) Which table of values can be defined by the function:  $y = 7x \div 7$

A.	x	y
	-1	-1
	0	0
	2	2
	4	4

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

C.	x	y
	-2	4
	-1	2
	1	-2
	2	-4

D.	x	y
	-4	-6
	-3	-5
	-2	-4
	-1	-3

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

A.	x	y
	-2	5
	-1	6
	0	7
	1	8

B.	x	y
	-3	-10
	-2	-9
	-1	-8
	0	-7

C.	x	y
	-4	-4
	-1	-1
	1	1
	4	4

D.	x	y
	-1	-56
	1	56
	2	112
	3	168

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

A.	x	y
	-4	16
	-3	12
	-1	4
	1	-4

B.	x	y
	-2	-17
	-1	-13
	0	-9
	1	-5

C.	x	y
	0	4
	1	5
	2	6
	3	7

D.	x	y
	-3	-3
	-2	1
	-1	5
	4	25

4) Which table of values can be defined by the function:  $y = x-6$

A.	x	y
	-3	-23
	-2	-17
	-1	-11
	3	13

B.	x	y
	-4	-24
	-2	-12
	-1	-6
	1	6

C.	x	y
	-1	-30
	1	30
	2	60
	3	90

D.	x	y
	-3	-9
	1	-5
	2	-4
	3	-3

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

A.	x	y
	-2	-6
	-1	-3
	1	3
	3	9

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

C.	x	y
	-3	-81
	-2	-54
	1	27
	2	54

D.	x	y
	-4	-3
	0	9
	1	12
	3	18

Answers

1.     **A**    

2.     **A**    

3.     **A**    

4.     **D**    

5.     **C**