



Solve each problem.

**Answers**

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-32</td></tr><tr><td>-1</td><td>-16</td></tr><tr><td>3</td><td>48</td></tr><tr><td>4</td><td>64</td></tr></tbody></table>	x	y	-2	-32	-1	-16	3	48	4	64
x	y										
-2	-32										
-1	-16										
3	48										
4	64										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-22</td></tr><tr><td>-2</td><td>-14</td></tr><tr><td>-1</td><td>-6</td></tr><tr><td>1</td><td>10</td></tr></tbody></table>	x	y	-3	-22	-2	-14	-1	-6	1	10
x	y										
-3	-22										
-2	-14										
-1	-6										
1	10										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-34</td></tr><tr><td>-3</td><td>-26</td></tr><tr><td>2</td><td>14</td></tr><tr><td>3</td><td>22</td></tr></tbody></table>	x	y	-4	-34	-3	-26	2	14	3	22
x	y										
-4	-34										
-3	-26										
2	14										
3	22										
D.	<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>0</td></tr><tr><td>3</td><td>-24</td></tr><tr><td>4</td><td>-32</td></tr></tbody></table>	x	y	-1	8	0	0	3	-24	4	-32
x	y										
-1	8										
0	0										
3	-24										
4	-32										

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>5</td></tr><tr><td>1</td><td>6</td></tr><tr><td>2</td><td>7</td></tr><tr><td>3</td><td>8</td></tr></tbody></table>	x	y	0	5	1	6	2	7	3	8
x	y										
0	5										
1	6										
2	7										
3	8										
B.	<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>-11</td></tr><tr><td>0</td><td>-6</td></tr><tr><td>4</td><td>14</td></tr></tbody></table>	x	y	-2	-16	-1	-11	0	-6	4	14
x	y										
-2	-16										
-1	-11										
0	-6										
4	14										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-10</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>5</td></tr><tr><td>3</td><td>15</td></tr></tbody></table>	x	y	-2	-10	0	0	1	5	3	15
x	y										
-2	-10										
0	0										
1	5										
3	15										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-14</td></tr><tr><td>-1</td><td>1</td></tr><tr><td>0</td><td>6</td></tr><tr><td>2</td><td>16</td></tr></tbody></table>	x	y	-4	-14	-1	1	0	6	2	16
x	y										
-4	-14										
-1	1										
0	6										
2	16										

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>-2</td></tr><tr><td>0</td><td>7</td></tr><tr><td>1</td><td>16</td></tr><tr><td>2</td><td>25</td></tr></tbody></table>	x	y	-1	-2	0	7	1	16	2	25
x	y										
-1	-2										
0	7										
1	16										
2	25										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>6</td></tr><tr><td>-2</td><td>7</td></tr><tr><td>-1</td><td>8</td></tr><tr><td>1</td><td>10</td></tr></tbody></table>	x	y	-3	6	-2	7	-1	8	1	10
x	y										
-3	6										
-2	7										
-1	8										
1	10										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-12</td></tr><tr><td>-2</td><td>-11</td></tr><tr><td>1</td><td>-8</td></tr><tr><td>3</td><td>-6</td></tr></tbody></table>	x	y	-3	-12	-2	-11	1	-8	3	-6
x	y										
-3	-12										
-2	-11										
1	-8										
3	-6										
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>1</td><td>-9</td></tr></tbody></table>	x	y	-2	18	-1	9	0	0	1	-9
x	y										
-2	18										
-1	9										
0	0										
1	-9										

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

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>3</td><td>-12</td></tr></tbody></table>	x	y	-3	12	-1	4	1	-4	3	-12
x	y										
-3	12										
-1	4										
1	-4										
3	-12										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-14</td></tr><tr><td>-1</td><td>-10</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>4</td><td>10</td></tr></tbody></table>	x	y	-2	-14	-1	-10	1	-2	4	10
x	y										
-2	-14										
-1	-10										
1	-2										
4	10										
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>-2</td><td>-2</td></tr><tr><td>0</td><td>6</td></tr><tr><td>1</td><td>10</td></tr></tbody></table>	x	y	-3	-6	-2	-2	0	6	1	10
x	y										
-3	-6										
-2	-2										
0	6										
1	10										
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>0</td><td>4</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>6</td></tr></tbody></table>	x	y	-2	2	0	4	1	5	2	6
x	y										
-2	2										
0	4										
1	5										
2	6										

5) Which table of values can be defined by the function:  $y = 6x - 2$

A.	<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>-7</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>2</td><td>-4</td></tr></tbody></table>	x	y	-2	-8	-1	-7	1	-5	2	-4
x	y										
-2	-8										
-1	-7										
1	-5										
2	-4										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-18</td></tr><tr><td>-2</td><td>-12</td></tr><tr><td>-1</td><td>-6</td></tr><tr><td>2</td><td>12</td></tr></tbody></table>	x	y	-3	-18	-2	-12	-1	-6	2	12
x	y										
-3	-18										
-2	-12										
-1	-6										
2	12										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>18</td></tr><tr><td>-2</td><td>12</td></tr><tr><td>-1</td><td>6</td></tr><tr><td>3</td><td>-18</td></tr></tbody></table>	x	y	-3	18	-2	12	-1	6	3	-18
x	y										
-3	18										
-2	12										
-1	6										
3	-18										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-20</td></tr><tr><td>0</td><td>-2</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>16</td></tr></tbody></table>	x	y	-3	-20	0	-2	2	10	3	16
x	y										
-3	-20										
0	-2										
2	10										
3	16										



Solve each problem.

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

A. 

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

B. 

x	y
-3	-22
-2	-14
-1	-6
1	10

C. 

x	y
-4	-34
-3	-26
2	14
3	22

D. 

x	y
-1	8
0	0
3	-24
4	-32

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

A. 

x	y
0	5
1	6
2	7
3	8

B. 

x	y
-2	-16
-1	-11
0	-6
4	14

C. 

x	y
-2	-10
0	0
1	5
3	15

D. 

x	y
-4	-14
-1	1
0	6
2	16

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

A. 

x	y
-1	-2
0	7
1	16
2	25

B. 

x	y
-3	6
-2	7
-1	8
1	10

C. 

x	y
-3	-12
-2	-11
1	-8
3	-6

D. 

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

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

A. 

x	y
-3	12
-1	4
1	-4
3	-12

B. 

x	y
-2	-14
-1	-10
1	-2
4	10

C. 

x	y
-3	-6
-2	-2
0	6
1	10

D. 

x	y
-2	2
0	4
1	5
2	6

5) Which table of values can be defined by the function:  $y = 6x - 2$

A. 

x	y
-2	-8
-1	-7
1	-5
2	-4

B. 

x	y
-3	-18
-2	-12
-1	-6
2	12

C. 

x	y
-3	18
-2	12
-1	6
3	-18

D. 

x	y
-3	-20
0	-2
2	10
3	16

Answers

1.     **A**    

2.     **C**    

3.     **C**    

4.     **C**    

5.     **D**