



Solve each problem.

**Answers**

1) Which table of values can be defined by the function:  $y = 4x + 2$

A.	<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>0</td><td>0</td></tr><tr><td>2</td><td>2</td></tr></tbody></table>	x	y	-3	-3	-2	-2	0	0	2	2
x	y										
-3	-3										
-2	-2										
0	0										
2	2										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-6</td></tr><tr><td>0</td><td>-2</td></tr><tr><td>1</td><td>2</td></tr><tr><td>4</td><td>14</td></tr></tbody></table>	x	y	-1	-6	0	-2	1	2	4	14
x	y										
-1	-6										
0	-2										
1	2										
4	14										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-10</td></tr><tr><td>-1</td><td>-2</td></tr><tr><td>1</td><td>6</td></tr><tr><td>4</td><td>18</td></tr></tbody></table>	x	y	-3	-10	-1	-2	1	6	4	18
x	y										
-3	-10										
-1	-2										
1	6										
4	18										
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>0</td><td>0</td></tr><tr><td>1</td><td>4</td></tr><tr><td>4</td><td>16</td></tr></tbody></table>	x	y	-2	-8	0	0	1	4	4	16
x	y										
-2	-8										
0	0										
1	4										
4	16										

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

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

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

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

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

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

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

3) 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>-9</td></tr><tr><td>0</td><td>-8</td></tr><tr><td>2</td><td>-6</td></tr><tr><td>3</td><td>-5</td></tr></tbody></table>	x	y	-1	-9	0	-8	2	-6	3	-5
x	y										
-1	-9										
0	-8										
2	-6										
3	-5										
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>1</td><td>9</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>11</td></tr></tbody></table>	x	y	-3	5	1	9	2	10	3	11
x	y										
-3	5										
1	9										
2	10										
3	11										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-17</td></tr><tr><td>1</td><td>15</td></tr><tr><td>2</td><td>23</td></tr><tr><td>3</td><td>31</td></tr></tbody></table>	x	y	-3	-17	1	15	2	23	3	31
x	y										
-3	-17										
1	15										
2	23										
3	31										
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>1</td><td>1</td></tr><tr><td>3</td><td>3</td></tr></tbody></table>	x	y	-2	-2	-1	-1	1	1	3	3
x	y										
-2	-2										
-1	-1										
1	1										
3	3										

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

5) 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>-4</td><td>20</td></tr><tr><td>-1</td><td>5</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>-5</td></tr></tbody></table>	x	y	-4	20	-1	5	0	0	1	-5
x	y										
-4	20										
-1	5										
0	0										
1	-5										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>5</td></tr><tr><td>3</td><td>15</td></tr><tr><td>4</td><td>20</td></tr></tbody></table>	x	y	0	0	1	5	3	15	4	20
x	y										
0	0										
1	5										
3	15										
4	20										
C.	<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>3</td><td>60</td></tr></tbody></table>	x	y	-1	-20	0	0	2	40	3	60
x	y										
-1	-20										
0	0										
2	40										
3	60										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-11</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>3</td><td>19</td></tr><tr><td>4</td><td>24</td></tr></tbody></table>	x	y	-3	-11	-1	-1	3	19	4	24
x	y										
-3	-11										
-1	-1										
3	19										
4	24										



Solve each problem.

1) Which table of values can be defined by the function:  $y = 4x + 2$

A. 

x	y
-3	-3
-2	-2
0	0
2	2

B. 

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

C. 

x	y
-3	-10
-1	-2
1	6
4	18

D. 

x	y
-2	-8
0	0
1	4
4	16

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

A. 

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

B. 

x	y
1	1
2	2
3	3
4	4

C. 

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

D. 

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

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

A. 

x	y
-1	-9
0	-8
2	-6
3	-5

B. 

x	y
-3	5
1	9
2	10
3	11

C. 

x	y
-3	-17
1	15
2	23
3	31

D. 

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

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

A. 

x	y
-2	6
0	0
2	-6
4	-12

B. 

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

C. 

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

D. 

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

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

A. 

x	y
-4	20
-1	5
0	0
1	-5

B. 

x	y
0	0
1	5
3	15
4	20

C. 

x	y
-1	-20
0	0
2	40
3	60

D. 

x	y
-3	-11
-1	-1
3	19
4	24

Answers

1. **C**

2. **A**

3. **D**

4. **A**

5. **B**