



Solve each problem.

**Answers**

1) 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>-1</td><td>-2</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	-1	-2	2	4	3	6	4	8
x	y										
-1	-2										
2	4										
3	6										
4	8										
B.	<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>-14</td></tr><tr><td>0</td><td>-8</td></tr><tr><td>1</td><td>-6</td></tr></tbody></table>	x	y	-4	-16	-3	-14	0	-8	1	-6
x	y										
-4	-16										
-3	-14										
0	-8										
1	-6										
C.	<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										
D.	<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>-2</td></tr><tr><td>2</td><td>-4</td></tr><tr><td>3</td><td>-6</td></tr></tbody></table>	x	y	0	0	1	-2	2	-4	3	-6
x	y										
0	0										
1	-2										
2	-4										
3	-6										

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

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

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>1</td><td>5</td></tr><tr><td>2</td><td>6</td></tr></tbody></table>	x	y	-3	1	-1	3	1	5	2	6
x	y										
-3	1										
-1	3										
1	5										
2	6										
B.	<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>8</td></tr><tr><td>1</td><td>-4</td></tr><tr><td>2</td><td>-8</td></tr></tbody></table>	x	y	-3	12	-2	8	1	-4	2	-8
x	y										
-3	12										
-2	8										
1	-4										
2	-8										
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>1</td><td>4</td></tr><tr><td>2</td><td>8</td></tr><tr><td>4</td><td>16</td></tr></tbody></table>	x	y	-4	-16	1	4	2	8	4	16
x	y										
-4	-16										
1	4										
2	8										
4	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>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr></tbody></table>	x	y	-3	-3	-1	-1	1	1	2	2
x	y										
-3	-3										
-1	-1										
1	1										
2	2										

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

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

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

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

3) Which table of values can be defined by the function:  $y = 3x + 6$

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-54</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>18</td></tr><tr><td>4</td><td>72</td></tr></tbody></table>	x	y	-3	-54	0	0	1	18	4	72
x	y										
-3	-54										
0	0										
1	18										
4	72										
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>-1</td><td>-4</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>4</td><td>1</td></tr></tbody></table>	x	y	-3	-6	-1	-4	1	-2	4	1
x	y										
-3	-6										
-1	-4										
1	-2										
4	1										
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>-1</td><td>-1</td></tr><tr><td>3</td><td>3</td></tr></tbody></table>	x	y	-4	-4	-3	-3	-1	-1	3	3
x	y										
-4	-4										
-3	-3										
-1	-1										
3	3										
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>6</td></tr><tr><td>1</td><td>9</td></tr><tr><td>2</td><td>12</td></tr></tbody></table>	x	y	-1	3	0	6	1	9	2	12
x	y										
-1	3										
0	6										
1	9										
2	12										

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

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>-2</td><td>8</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>-4</td></tr></tbody></table>	x	y	-3	12	-2	8	0	0	1	-4
x	y										
-3	12										
-2	8										
0	0										
1	-4										
B.	<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>-5</td></tr><tr><td>1</td><td>-1</td></tr><tr><td>3</td><td>7</td></tr></tbody></table>	x	y	-1	-9	0	-5	1	-1	3	7
x	y										
-1	-9										
0	-5										
1	-1										
3	7										
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>-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	-3	-3	-2	-2	3	3	4	4
x	y										
-3	-3										
-2	-2										
3	3										
4	4										
D.	<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>-5</td></tr><tr><td>3</td><td>-1</td></tr><tr><td>4</td><td>0</td></tr></tbody></table>	x	y	-2	-6	-1	-5	3	-1	4	0
x	y										
-2	-6										
-1	-5										
3	-1										
4	0										

5) 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>0</td><td>0</td></tr><tr><td>1</td><td>3</td></tr><tr><td>2</td><td>6</td></tr><tr><td>3</td><td>9</td></tr></tbody></table>	x	y	0	0	1	3	2	6	3	9
x	y										
0	0										
1	3										
2	6										
3	9										
B.	<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>4</td></tr><tr><td>3</td><td>6</td></tr><tr><td>4</td><td>7</td></tr></tbody></table>	x	y	-2	1	1	4	3	6	4	7
x	y										
-2	1										
1	4										
3	6										
4	7										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-17</td></tr><tr><td>-3</td><td>-14</td></tr><tr><td>0</td><td>-5</td></tr><tr><td>3</td><td>4</td></tr></tbody></table>	x	y	-4	-17	-3	-14	0	-5	3	4
x	y										
-4	-17										
-3	-14										
0	-5										
3	4										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-60</td></tr><tr><td>-2</td><td>-30</td></tr><tr><td>0</td><td>0</td></tr><tr><td>4</td><td>60</td></tr></tbody></table>	x	y	-4	-60	-2	-30	0	0	4	60
x	y										
-4	-60										
-2	-30										
0	0										
4	60										



Solve each problem.

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

A. 

x	y
-1	-2
2	4
3	6
4	8

B. 

x	y
-4	-16
-3	-14
0	-8
1	-6

C. 

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

D. 

x	y
0	0
1	-2
2	-4
3	-6

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

A. 

x	y
-3	1
-1	3
1	5
2	6

B. 

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

C. 

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

D. 

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

3) Which table of values can be defined by the function:  $y = 3x + 6$

A. 

x	y
-3	-54
0	0
1	18
4	72

B. 

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

C. 

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

D. 

x	y
-1	3
0	6
1	9
2	12

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

A. 

x	y
-3	12
-2	8
0	0
1	-4

B. 

x	y
-1	-9
0	-5
1	-1
3	7

C. 

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

D. 

x	y
-2	-6
-1	-5
3	-1
4	0

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

A. 

x	y
0	0
1	3
2	6
3	9

B. 

x	y
-2	1
1	4
3	6
4	7

C. 

x	y
-4	-17
-3	-14
0	-5
3	4

D. 

x	y
-4	-60
-2	-30
0	0
4	60

Answers

1. **D**

2. **D**

3. **D**

4. **D**

5. **A**