



Solve each problem.

Answers

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-1	-4	0	3	1	10	4	31	B.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-3	21	-1	7	0	0	2	-14	C.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-2	-42	-1	-21	2	42	3	63	D.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-3	-3	1	1	2	2	3	3
x	y																																														
-1	-4																																														
0	3																																														
1	10																																														
4	31																																														
x	y																																														
-3	21																																														
-1	7																																														
0	0																																														
2	-14																																														
x	y																																														
-2	-42																																														
-1	-21																																														
2	42																																														
3	63																																														
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"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-4	-8	-2	-6	2	-2	4	0	B.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	1	-4	2	-8	3	-12	4	-16	C.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-4	-64	-3	-48	0	0	1	16	D.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-3	-3	1	1	2	2	3	3
x	y																																														
-4	-8																																														
-2	-6																																														
2	-2																																														
4	0																																														
x	y																																														
1	-4																																														
2	-8																																														
3	-12																																														
4	-16																																														
x	y																																														
-4	-64																																														
-3	-48																																														
0	0																																														
1	16																																														
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"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-1	-12	1	6	2	15	4	33	B.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-1	8	0	9	2	11	3	12	C.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-4	-13	-3	-12	-1	-10	2	-7	D.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-2	18	-1	9	0	0	2	-18
x	y																																														
-1	-12																																														
1	6																																														
2	15																																														
4	33																																														
x	y																																														
-1	8																																														
0	9																																														
2	11																																														
3	12																																														
x	y																																														
-4	-13																																														
-3	-12																																														
-1	-10																																														
2	-7																																														
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"><tr><th>x</th><th>y</th></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><tr><td>2</td><td>8</td></tr></table>	x	y	-3	-12	-1	-4	1	4	2	8	B.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-3	-21	0	-9	1	-5	2	-1	C.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-4	16	-3	12	-2	8	-1	4	D.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-1	-5	1	-3	2	-2	3	-1
x	y																																														
-3	-12																																														
-1	-4																																														
1	4																																														
2	8																																														
x	y																																														
-3	-21																																														
0	-9																																														
1	-5																																														
2	-1																																														
x	y																																														
-4	16																																														
-3	12																																														
-2	8																																														
-1	4																																														
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"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-3	-45	-1	-15	0	0	2	30	B.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-1	-4	1	-2	2	-1	3	0	C.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	0	3	1	4	2	5	4	7	D.	<table border="1"><tr><th>x</th><th>y</th></tr><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></table>	x	y	-4	-4	-3	-3	-1	-1	0	0
x	y																																														
-3	-45																																														
-1	-15																																														
0	0																																														
2	30																																														
x	y																																														
-1	-4																																														
1	-2																																														
2	-1																																														
3	0																																														
x	y																																														
0	3																																														
1	4																																														
2	5																																														
4	7																																														
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**