



Solve each problem.

Answers

1) Which table of values can be defined by the function: $y = 9x+6$

A.	<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>2</td><td>-7</td></tr><tr><td>3</td><td>-6</td></tr></table>	x	y	-4	-13	-3	-12	2	-7	3	-6	B.	<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>0</td><td>0</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	-3	-3	-1	-1	0	0	3	3	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-33</td></tr><tr><td>-2</td><td>-24</td></tr><tr><td>0</td><td>-6</td></tr><tr><td>1</td><td>3</td></tr></table>	x	y	-3	-33	-2	-24	0	-6	1	3	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-21</td></tr><tr><td>-2</td><td>-12</td></tr><tr><td>-1</td><td>-3</td></tr><tr><td>3</td><td>33</td></tr></table>	x	y	-3	-21	-2	-12	-1	-3	3	33
x	y																																														
-4	-13																																														
-3	-12																																														
2	-7																																														
3	-6																																														
x	y																																														
-3	-3																																														
-1	-1																																														
0	0																																														
3	3																																														
x	y																																														
-3	-33																																														
-2	-24																																														
0	-6																																														
1	3																																														
x	y																																														
-3	-21																																														
-2	-12																																														
-1	-3																																														
3	33																																														

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>-16</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></table>	x	y	-4	-16	-2	-8	0	0	1	4	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-24</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>24</td></tr><tr><td>4</td><td>96</td></tr></table>	x	y	-1	-24	0	0	1	24	4	96	C.	<table border="1"><tr><th>x</th><th>y</th></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><tr><td>4</td><td>-16</td></tr></table>	x	y	-3	12	-2	8	-1	4	4	-16	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-10</td></tr><tr><td>0</td><td>-6</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>3</td><td>6</td></tr></table>	x	y	-1	-10	0	-6	1	-2	3	6
x	y																																														
-4	-16																																														
-2	-8																																														
0	0																																														
1	4																																														
x	y																																														
-1	-24																																														
0	0																																														
1	24																																														
4	96																																														
x	y																																														
-3	12																																														
-2	8																																														
-1	4																																														
4	-16																																														
x	y																																														
-1	-10																																														
0	-6																																														
1	-2																																														
3	6																																														

2. _____

3) Which table of values can be defined by the function: $y = 6x-9$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-15</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-3</td></tr><tr><td>2</td><td>3</td></tr></table>	x	y	-1	-15	0	-9	1	-3	2	3	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>2</td></tr><tr><td>-1</td><td>5</td></tr><tr><td>0</td><td>6</td></tr><tr><td>1</td><td>7</td></tr></table>	x	y	-4	2	-1	5	0	6	1	7	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-1</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr></table>	x	y	-1	-1	0	0	1	1	2	2	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-3</td></tr><tr><td>-1</td><td>3</td></tr><tr><td>0</td><td>9</td></tr><tr><td>4</td><td>33</td></tr></table>	x	y	-2	-3	-1	3	0	9	4	33
x	y																																														
-1	-15																																														
0	-9																																														
1	-3																																														
2	3																																														
x	y																																														
-4	2																																														
-1	5																																														
0	6																																														
1	7																																														
x	y																																														
-1	-1																																														
0	0																																														
1	1																																														
2	2																																														
x	y																																														
-2	-3																																														
-1	3																																														
0	9																																														
4	33																																														

3. _____

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>15</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>2</td><td>-10</td></tr><tr><td>3</td><td>-15</td></tr></table>	x	y	-3	15	1	-5	2	-10	3	-15	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>1</td></tr><tr><td>-2</td><td>3</td></tr><tr><td>-1</td><td>4</td></tr><tr><td>2</td><td>7</td></tr></table>	x	y	-4	1	-2	3	-1	4	2	7	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-20</td></tr><tr><td>-3</td><td>-15</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>10</td></tr></table>	x	y	-4	-20	-3	-15	0	0	2	10	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-80</td></tr><tr><td>-1</td><td>-40</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>80</td></tr></table>	x	y	-2	-80	-1	-40	0	0	2	80
x	y																																														
-3	15																																														
1	-5																																														
2	-10																																														
3	-15																																														
x	y																																														
-4	1																																														
-2	3																																														
-1	4																																														
2	7																																														
x	y																																														
-4	-20																																														
-3	-15																																														
0	0																																														
2	10																																														
x	y																																														
-2	-80																																														
-1	-40																																														
0	0																																														
2	80																																														

4. _____

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-2</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></table>	x	y	-2	-2	2	2	3	3	4	4	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>2</td></tr><tr><td>1</td><td>3</td></tr><tr><td>2</td><td>4</td></tr><tr><td>3</td><td>5</td></tr></table>	x	y	0	2	1	3	2	4	3	5	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>1</td></tr><tr><td>-2</td><td>3</td></tr><tr><td>-1</td><td>5</td></tr><tr><td>4</td><td>15</td></tr></table>	x	y	-3	1	-2	3	-1	5	4	15	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-8</td></tr><tr><td>1</td><td>2</td></tr><tr><td>3</td><td>6</td></tr><tr><td>4</td><td>8</td></tr></table>	x	y	-4	-8	1	2	3	6	4	8
x	y																																														
-2	-2																																														
2	2																																														
3	3																																														
4	4																																														
x	y																																														
0	2																																														
1	3																																														
2	4																																														
3	5																																														
x	y																																														
-3	1																																														
-2	3																																														
-1	5																																														
4	15																																														
x	y																																														
-4	-8																																														
1	2																																														
3	6																																														
4	8																																														

5. _____



Solve each problem.

1) Which table of values can be defined by the function: $y = 9x+6$

A.

x	y
-4	-13
-3	-12
2	-7
3	-6

B.

x	y
-3	-3
-1	-1
0	0
3	3

C.

x	y
-3	-33
-2	-24
0	-6
1	3

D.

x	y
-3	-21
-2	-12
-1	-3
3	33

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

A.

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

B.

x	y
-1	-24
0	0
1	24
4	96

C.

x	y
-3	12
-2	8
-1	4
4	-16

D.

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

3) Which table of values can be defined by the function: $y = 6x-9$

A.

x	y
-1	-15
0	-9
1	-3
2	3

B.

x	y
-4	2
-1	5
0	6
1	7

C.

x	y
-1	-1
0	0
1	1
2	2

D.

x	y
-2	-3
-1	3
0	9
4	33

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

A.

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

B.

x	y
-4	1
-2	3
-1	4
2	7

C.

x	y
-4	-20
-3	-15
0	0
2	10

D.

x	y
-2	-80
-1	-40
0	0
2	80

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

A.

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

B.

x	y
0	2
1	3
2	4
3	5

C.

x	y
-3	1
-2	3
-1	5
4	15

D.

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

Answers

1. **D**

2. **A**

3. **A**

4. **A**

5. **B**