



Solve each problem.

Answers

1) Which table of values can be defined by the function: $y = 2x \times 3$

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

1. _____

2. _____

3. _____

4. _____

5. _____

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

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>-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	-3	-3	-1	-1	1	1	3	3	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>-1</td><td>-6</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>12</td></tr></tbody></table>	x	y	-3	-18	-1	-6	0	0	2	12	C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>12</td></tr><tr><td>-1</td><td>6</td></tr><tr><td>2</td><td>-12</td></tr><tr><td>3</td><td>-18</td></tr></tbody></table>	x	y	-2	12	-1	6	2	-12	3	-18	D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-11</td></tr><tr><td>0</td><td>-5</td></tr><tr><td>2</td><td>7</td></tr><tr><td>3</td><td>13</td></tr></tbody></table>	x	y	-1	-11	0	-5	2	7	3	13
x	y																																														
-3	-3																																														
-1	-1																																														
1	1																																														
3	3																																														
x	y																																														
-3	-18																																														
-1	-6																																														
0	0																																														
2	12																																														
x	y																																														
-2	12																																														
-1	6																																														
2	-12																																														
3	-18																																														
x	y																																														
-1	-11																																														
0	-5																																														
2	7																																														
3	13																																														

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-196</td></tr><tr><td>-1</td><td>-49</td></tr><tr><td>1</td><td>49</td></tr><tr><td>2</td><td>98</td></tr></tbody></table>	x	y	-4	-196	-1	-49	1	49	2	98	B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-14</td></tr><tr><td>0</td><td>7</td></tr><tr><td>3</td><td>28</td></tr><tr><td>4</td><td>35</td></tr></tbody></table>	x	y	-3	-14	0	7	3	28	4	35	C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-11</td></tr><tr><td>-2</td><td>-9</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>1</td><td>-6</td></tr></tbody></table>	x	y	-4	-11	-2	-9	0	-7	1	-6	D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-35</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>2</td><td>7</td></tr><tr><td>4</td><td>21</td></tr></tbody></table>	x	y	-4	-35	0	-7	2	7	4	21
x	y																																														
-4	-196																																														
-1	-49																																														
1	49																																														
2	98																																														
x	y																																														
-3	-14																																														
0	7																																														
3	28																																														
4	35																																														
x	y																																														
-4	-11																																														
-2	-9																																														
0	-7																																														
1	-6																																														
x	y																																														
-4	-35																																														
0	-7																																														
2	7																																														
4	21																																														

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-1</td></tr><tr><td>0</td><td>7</td></tr><tr><td>2</td><td>15</td></tr><tr><td>3</td><td>19</td></tr></tbody></table>	x	y	-2	-1	0	7	2	15	3	19	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>0</td><td>0</td></tr></tbody></table>	x	y	-3	-12	-2	-8	-1	-4	0	0	C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-7</td></tr><tr><td>-1</td><td>-5</td></tr><tr><td>0</td><td>-4</td></tr><tr><td>4</td><td>0</td></tr></tbody></table>	x	y	-3	-7	-1	-5	0	-4	4	0	D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-56</td></tr><tr><td>-1</td><td>-28</td></tr><tr><td>1</td><td>28</td></tr><tr><td>2</td><td>56</td></tr></tbody></table>	x	y	-2	-56	-1	-28	1	28	2	56
x	y																																														
-2	-1																																														
0	7																																														
2	15																																														
3	19																																														
x	y																																														
-3	-12																																														
-2	-8																																														
-1	-4																																														
0	0																																														
x	y																																														
-3	-7																																														
-1	-5																																														
0	-4																																														
4	0																																														
x	y																																														
-2	-56																																														
-1	-28																																														
1	28																																														
2	56																																														

5) 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>-12</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>12</td></tr><tr><td>3</td><td>36</td></tr></tbody></table>	x	y	-1	-12	0	0	1	12	3	36	B.	<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	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>-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	D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-10</td></tr><tr><td>1</td><td>-4</td></tr><tr><td>2</td><td>-2</td></tr><tr><td>3</td><td>0</td></tr></tbody></table>	x	y	-2	-10	1	-4	2	-2	3	0
x	y																																														
-1	-12																																														
0	0																																														
1	12																																														
3	36																																														
x	y																																														
-1	2																																														
2	-4																																														
3	-6																																														
4	-8																																														
x	y																																														
-3	-3																																														
-1	-1																																														
1	1																																														
2	2																																														
x	y																																														
-2	-10																																														
1	-4																																														
2	-2																																														
3	0																																														



Solve each problem.

1) Which table of values can be defined by the function: $y = 2x \times 3$

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

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

A.	<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>1</td><td>1</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	-3	-3	-1	-1	1	1	3	3	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-18</td></tr><tr><td>-1</td><td>-6</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>12</td></tr></table>	x	y	-3	-18	-1	-6	0	0	2	12	C.	<table border="1"><tr><th>x</th><th>y</th></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><tr><td>3</td><td>-18</td></tr></table>	x	y	-2	12	-1	6	2	-12	3	-18	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-11</td></tr><tr><td>0</td><td>-5</td></tr><tr><td>2</td><td>7</td></tr><tr><td>3</td><td>13</td></tr></table>	x	y	-1	-11	0	-5	2	7	3	13
x	y																																														
-3	-3																																														
-1	-1																																														
1	1																																														
3	3																																														
x	y																																														
-3	-18																																														
-1	-6																																														
0	0																																														
2	12																																														
x	y																																														
-2	12																																														
-1	6																																														
2	-12																																														
3	-18																																														
x	y																																														
-1	-11																																														
0	-5																																														
2	7																																														
3	13																																														

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-196</td></tr><tr><td>-1</td><td>-49</td></tr><tr><td>1</td><td>49</td></tr><tr><td>2</td><td>98</td></tr></table>	x	y	-4	-196	-1	-49	1	49	2	98	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-14</td></tr><tr><td>0</td><td>7</td></tr><tr><td>3</td><td>28</td></tr><tr><td>4</td><td>35</td></tr></table>	x	y	-3	-14	0	7	3	28	4	35	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-11</td></tr><tr><td>-2</td><td>-9</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>1</td><td>-6</td></tr></table>	x	y	-4	-11	-2	-9	0	-7	1	-6	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-35</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>2</td><td>7</td></tr><tr><td>4</td><td>21</td></tr></table>	x	y	-4	-35	0	-7	2	7	4	21
x	y																																														
-4	-196																																														
-1	-49																																														
1	49																																														
2	98																																														
x	y																																														
-3	-14																																														
0	7																																														
3	28																																														
4	35																																														
x	y																																														
-4	-11																																														
-2	-9																																														
0	-7																																														
1	-6																																														
x	y																																														
-4	-35																																														
0	-7																																														
2	7																																														
4	21																																														

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>-2</td><td>-1</td></tr><tr><td>0</td><td>7</td></tr><tr><td>2</td><td>15</td></tr><tr><td>3</td><td>19</td></tr></table>	x	y	-2	-1	0	7	2	15	3	19	B.	<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>0</td><td>0</td></tr></table>	x	y	-3	-12	-2	-8	-1	-4	0	0	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-7</td></tr><tr><td>-1</td><td>-5</td></tr><tr><td>0</td><td>-4</td></tr><tr><td>4</td><td>0</td></tr></table>	x	y	-3	-7	-1	-5	0	-4	4	0	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-56</td></tr><tr><td>-1</td><td>-28</td></tr><tr><td>1</td><td>28</td></tr><tr><td>2</td><td>56</td></tr></table>	x	y	-2	-56	-1	-28	1	28	2	56
x	y																																														
-2	-1																																														
0	7																																														
2	15																																														
3	19																																														
x	y																																														
-3	-12																																														
-2	-8																																														
-1	-4																																														
0	0																																														
x	y																																														
-3	-7																																														
-1	-5																																														
0	-4																																														
4	0																																														
x	y																																														
-2	-56																																														
-1	-28																																														
1	28																																														
2	56																																														

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-12</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>12</td></tr><tr><td>3</td><td>36</td></tr></table>	x	y	-1	-12	0	0	1	12	3	36	B.	<table border="1"><tr><th>x</th><th>y</th></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><tr><td>4</td><td>-8</td></tr></table>	x	y	-1	2	2	-4	3	-6	4	-8	C.	<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>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr></table>	x	y	-3	-3	-1	-1	1	1	2	2	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-10</td></tr><tr><td>1</td><td>-4</td></tr><tr><td>2</td><td>-2</td></tr><tr><td>3</td><td>0</td></tr></table>	x	y	-2	-10	1	-4	2	-2	3	0
x	y																																														
-1	-12																																														
0	0																																														
1	12																																														
3	36																																														
x	y																																														
-1	2																																														
2	-4																																														
3	-6																																														
4	-8																																														
x	y																																														
-3	-3																																														
-1	-1																																														
1	1																																														
2	2																																														
x	y																																														
-2	-10																																														
1	-4																																														
2	-2																																														
3	0																																														

Answers

1. **A**

2. **A**

3. **D**

4. **B**

5. **B**