



Solve each problem.

Answers

1) Which table of values can be defined by the function: $y = 7x \times 5$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-70</td></tr><tr><td>-1</td><td>-35</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>35</td></tr></table>	x	y	-2	-70	-1	-35	0	0	1	35	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>-7</td></tr><tr><td>1</td><td>-6</td></tr><tr><td>4</td><td>-3</td></tr></table>	x	y	-1	-8	0	-7	1	-6	4	-3	C.	<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>1</td><td>-7</td></tr><tr><td>3</td><td>-21</td></tr></table>	x	y	-3	21	-1	7	1	-7	3	-21	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-19</td></tr><tr><td>-1</td><td>-12</td></tr><tr><td>0</td><td>-5</td></tr><tr><td>2</td><td>9</td></tr></table>	x	y	-2	-19	-1	-12	0	-5	2	9
x	y																																														
-2	-70																																														
-1	-35																																														
0	0																																														
1	35																																														
x	y																																														
-1	-8																																														
0	-7																																														
1	-6																																														
4	-3																																														
x	y																																														
-3	21																																														
-1	7																																														
1	-7																																														
3	-21																																														
x	y																																														
-2	-19																																														
-1	-12																																														
0	-5																																														
2	9																																														

1. _____

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-15</td></tr><tr><td>1</td><td>-6</td></tr><tr><td>2</td><td>-3</td></tr><tr><td>4</td><td>3</td></tr></table>	x	y	-2	-15	1	-6	2	-3	4	3	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-3</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	-3	-3	0	0	1	1	3	3	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-3</td></tr><tr><td>-3</td><td>0</td></tr><tr><td>-1</td><td>6</td></tr><tr><td>0</td><td>9</td></tr></table>	x	y	-4	-3	-3	0	-1	6	0	9	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-12</td></tr><tr><td>-3</td><td>-9</td></tr><tr><td>-2</td><td>-6</td></tr><tr><td>-1</td><td>-3</td></tr></table>	x	y	-4	-12	-3	-9	-2	-6	-1	-3
x	y																																														
-2	-15																																														
1	-6																																														
2	-3																																														
4	3																																														
x	y																																														
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3	3																																														
x	y																																														
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-3	0																																														
-1	6																																														
0	9																																														
x	y																																														
-4	-12																																														
-3	-9																																														
-2	-6																																														
-1	-3																																														

2. _____

3. _____

4. _____

5. _____

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

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>0</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	0	0	2	2	3	3	4	4	B.	<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>0</td><td>0</td></tr><tr><td>2</td><td>12</td></tr></table>	x	y	-3	-18	-2	-12	0	0	2	12	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>7</td></tr><tr><td>2</td><td>19</td></tr><tr><td>3</td><td>25</td></tr></table>	x	y	-1	1	0	7	2	19	3	25	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>7</td></tr><tr><td>2</td><td>8</td></tr><tr><td>3</td><td>9</td></tr></table>	x	y	-1	5	1	7	2	8	3	9
x	y																																														
0	0																																														
2	2																																														
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x	y																																														
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1	7																																														
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5) 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>-4</td><td>-36</td></tr><tr><td>-3</td><td>-27</td></tr><tr><td>-1</td><td>-9</td></tr><tr><td>4</td><td>36</td></tr></table>	x	y	-4	-36	-3	-27	-1	-9	4	36	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-135</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>90</td></tr><tr><td>3</td><td>135</td></tr></table>	x	y	-3	-135	0	0	2	90	3	135	C.	<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>-2</td><td>-2</td></tr><tr><td>-1</td><td>-1</td></tr></table>	x	y	-4	-4	-3	-3	-2	-2	-1	-1	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>8</td></tr><tr><td>1</td><td>10</td></tr><tr><td>2</td><td>11</td></tr><tr><td>3</td><td>12</td></tr></table>	x	y	-1	8	1	10	2	11	3	12
x	y																																														
-4	-36																																														
-3	-27																																														
-1	-9																																														
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Solve each problem.

1) Which table of values can be defined by the function: $y = 7x \times 5$

A.

x	y
-2	-70
-1	-35
0	0
1	35

B.

x	y
-1	-8
0	-7
1	-6
4	-3

C.

x	y
-3	21
-1	7
1	-7
3	-21

D.

x	y
-2	-19
-1	-12
0	-5
2	9

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

A.

x	y
-2	-15
1	-6
2	-3
4	3

B.

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

C.

x	y
-4	-3
-3	0
-1	6
0	9

D.

x	y
-4	-12
-3	-9
-2	-6
-1	-3

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

A.

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

B.

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

C.

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

D.

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

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

A.

x	y
0	0
2	2
3	3
4	4

B.

x	y
-3	-18
-2	-12
0	0
2	12

C.

x	y
-1	1
0	7
2	19
3	25

D.

x	y
-1	5
1	7
2	8
3	9

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

A.

x	y
-4	-36
-3	-27
-1	-9
4	36

B.

x	y
-3	-135
0	0
2	90
3	135

C.

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

D.

x	y
-1	8
1	10
2	11
3	12

Answers

1. **A**

2. **C**

3. **C**

4. **A**

5. **D**