



Solve each problem.

Answers

1) 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>-4</td><td>-7</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>0</td><td>5</td></tr><tr><td>1</td><td>8</td></tr></table>	x	y	-4	-7	-1	2	0	5	1	8	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-6</td></tr><tr><td>-1</td><td>-3</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>6</td></tr></table>	x	y	-2	-6	-1	-3	0	0	2	6	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-1</td></tr><tr><td>-2</td><td>1</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>1</td><td>4</td></tr></table>	x	y	-4	-1	-2	1	-1	2	1	4	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-60</td></tr><tr><td>-3</td><td>-45</td></tr><tr><td>-2</td><td>-30</td></tr><tr><td>-1</td><td>-15</td></tr></table>	x	y	-4	-60	-3	-45	-2	-30	-1	-15
x	y																																														
-4	-7																																														
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1. _____

2. _____

3. _____

4. _____

5. _____

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-6</td></tr><tr><td>-1</td><td>-2</td></tr><tr><td>1</td><td>2</td></tr><tr><td>4</td><td>8</td></tr></table>	x	y	-3	-6	-1	-2	1	2	4	8	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-15</td></tr><tr><td>-1</td><td>-11</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>3</td><td>-3</td></tr></table>	x	y	-3	-15	-1	-11	0	-9	3	-3	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>7</td></tr><tr><td>2</td><td>13</td></tr><tr><td>4</td><td>17</td></tr></table>	x	y	-3	3	-1	7	2	13	4	17	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-4</td></tr><tr><td>-2</td><td>-2</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>2</td></tr></table>	x	y	-4	-4	-2	-2	0	0	2	2
x	y																																														
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3) Which table of values can be defined by the function: $y = x \times (-6)$

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>-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	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>-6</td></tr><tr><td>2</td><td>-4</td></tr><tr><td>3</td><td>-3</td></tr><tr><td>4</td><td>-2</td></tr></table>	x	y	0	-6	2	-4	3	-3	4	-2	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-24</td></tr><tr><td>-3</td><td>-18</td></tr><tr><td>-2</td><td>-12</td></tr><tr><td>4</td><td>24</td></tr></table>	x	y	-4	-24	-3	-18	-2	-12	4	24	D.	<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>1</td><td>-6</td></tr><tr><td>2</td><td>-12</td></tr></table>	x	y	-2	12	-1	6	1	-6	2	-12
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4) Which table of values can be defined by the function: $y = x \times 6$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-4</td></tr><tr><td>-2</td><td>-2</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>2</td></tr></table>	x	y	-4	-4	-2	-2	0	0	2	2	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-54</td></tr><tr><td>-2</td><td>-36</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>18</td></tr></table>	x	y	-3	-54	-2	-36	0	0	1	18	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>4</td><td>24</td></tr></table>	x	y	-2	-12	-1	-6	2	12	4	24	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-9</td></tr><tr><td>0</td><td>-3</td></tr><tr><td>2</td><td>9</td></tr><tr><td>3</td><td>15</td></tr></table>	x	y	-1	-9	0	-3	2	9	3	15
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5) 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>-11</td></tr><tr><td>-3</td><td>-10</td></tr><tr><td>-2</td><td>-9</td></tr><tr><td>-1</td><td>-8</td></tr></table>	x	y	-4	-11	-3	-10	-2	-9	-1	-8	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>14</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>-14</td></tr><tr><td>3</td><td>-21</td></tr></table>	x	y	-2	14	0	0	2	-14	3	-21	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-21</td></tr><tr><td>-3</td><td>-14</td></tr><tr><td>-1</td><td>0</td></tr><tr><td>2</td><td>21</td></tr></table>	x	y	-4	-21	-3	-14	-1	0	2	21	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-4</td></tr><tr><td>-2</td><td>-2</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>2</td></tr></table>	x	y	-4	-4	-2	-2	0	0	2	2
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Solve each problem.

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

A.

x	y
-4	-7
-1	2
0	5
1	8

B.

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

C.

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

D.

x	y
-4	-60
-3	-45
-2	-30
-1	-15

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

A.

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

B.

x	y
-3	-15
-1	-11
0	-9
3	-3

C.

x	y
-3	3
-1	7
2	13
4	17

D.

x	y
-4	-4
-2	-2
0	0
2	2

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

A.

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

B.

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

C.

x	y
-4	-24
-3	-18
-2	-12
4	24

D.

x	y
-2	12
-1	6
1	-6
2	-12

4) Which table of values can be defined by the function: $y = x \times 6$

A.

x	y
-4	-4
-2	-2
0	0
2	2

B.

x	y
-3	-54
-2	-36
0	0
1	18

C.

x	y
-2	-12
-1	-6
2	12
4	24

D.

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

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

A.

x	y
-4	-11
-3	-10
-2	-9
-1	-8

B.

x	y
-2	14
0	0
2	-14
3	-21

C.

x	y
-4	-21
-3	-14
-1	0
2	21

D.

x	y
-4	-4
-2	-2
0	0
2	2

Answers1. **D**2. **B**3. **D**4. **C**5. **C**