



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																																														
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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																																														
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2. _____

3. _____

4. _____

5. _____

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
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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																																														
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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																																														
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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**