



Solve each problem.

**Answers**

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-3</td></tr><tr><td>0</td><td>7</td></tr><tr><td>1</td><td>12</td></tr><tr><td>3</td><td>22</td></tr></table>	x	y	-2	-3	0	7	1	12	3	22	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-22</td></tr><tr><td>-2</td><td>-17</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>1</td><td>-2</td></tr></table>	x	y	-3	-22	-2	-17	0	-7	1	-2	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>20</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>4</td><td>-20</td></tr></table>	x	y	-4	20	0	0	1	-5	4	-20	D.	<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>-1</td><td>-5</td></tr><tr><td>0</td><td>0</td></tr></table>	x	y	-4	-20	-3	-15	-1	-5	0	0
x	y																																														
-2	-3																																														
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1. \_\_\_\_\_

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

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>4</td><td>4</td></tr></table>	x	y	-3	-3	-1	-1	1	1	4	4	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>6</td></tr><tr><td>-1</td><td>8</td></tr><tr><td>2</td><td>11</td></tr><tr><td>4</td><td>13</td></tr></table>	x	y	-3	6	-1	8	2	11	4	13	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-18</td></tr><tr><td>1</td><td>18</td></tr><tr><td>2</td><td>36</td></tr><tr><td>3</td><td>54</td></tr></table>	x	y	-1	-18	1	18	2	36	3	54	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-25</td></tr><tr><td>0</td><td>2</td></tr><tr><td>1</td><td>11</td></tr><tr><td>2</td><td>20</td></tr></table>	x	y	-3	-25	0	2	1	11	2	20
x	y																																														
-3	-3																																														
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2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-17</td></tr><tr><td>0</td><td>-5</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>7</td></tr></table>	x	y	-2	-17	0	-5	1	1	2	7	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-3</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	-3	-3	2	2	3	3	4	4	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-7</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>2</td><td>17</td></tr><tr><td>3</td><td>23</td></tr></table>	x	y	-2	-7	-1	-1	2	17	3	23	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-10</td></tr><tr><td>-3</td><td>-9</td></tr><tr><td>-2</td><td>-8</td></tr><tr><td>2</td><td>-4</td></tr></table>	x	y	-4	-10	-3	-9	-2	-8	2	-4
x	y																																														
-2	-17																																														
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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>-1</td><td>-4</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>4</td></tr><tr><td>3</td><td>12</td></tr></table>	x	y	-1	-4	0	0	1	4	3	12	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-7</td></tr><tr><td>-2</td><td>-6</td></tr><tr><td>-1</td><td>-5</td></tr><tr><td>2</td><td>-2</td></tr></table>	x	y	-3	-7	-2	-6	-1	-5	2	-2	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-96</td></tr><tr><td>-2</td><td>-64</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>32</td></tr></table>	x	y	-3	-96	-2	-64	0	0	1	32	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>12</td></tr><tr><td>1</td><td>-4</td></tr><tr><td>2</td><td>-8</td></tr><tr><td>3</td><td>-12</td></tr></table>	x	y	-3	12	1	-4	2	-8	3	-12
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5) Which table of values can be defined by the function:  $y = x \times 8$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-11</td></tr><tr><td>-2</td><td>-10</td></tr><tr><td>-1</td><td>-9</td></tr><tr><td>1</td><td>-7</td></tr></table>	x	y	-3	-11	-2	-10	-1	-9	1	-7	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-16</td></tr><tr><td>-1</td><td>-8</td></tr><tr><td>0</td><td>0</td></tr><tr><td>3</td><td>24</td></tr></table>	x	y	-2	-16	-1	-8	0	0	3	24	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>-3</td><td>-18</td></tr><tr><td>-1</td><td>-2</td></tr><tr><td>1</td><td>14</td></tr><tr><td>3</td><td>30</td></tr></table>	x	y	-3	-18	-1	-2	1	14	3	30
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Solve each problem.

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

A.

x	y
-2	-3
0	7
1	12
3	22

B.

x	y
-3	-22
-2	-17
0	-7
1	-2

C.

x	y
-4	20
0	0
1	-5
4	-20

D.

x	y
-4	-20
-3	-15
-1	-5
0	0

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

A.

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

B.

x	y
-3	6
-1	8
2	11
4	13

C.

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

D.

x	y
-3	-25
0	2
1	11
2	20

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

A.

x	y
-2	-17
0	-5
1	1
2	7

B.

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

C.

x	y
-2	-7
-1	-1
2	17
3	23

D.

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

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

A.

x	y
-1	-4
0	0
1	4
3	12

B.

x	y
-3	-7
-2	-6
-1	-5
2	-2

C.

x	y
-3	-96
-2	-64
0	0
1	32

D.

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

5) Which table of values can be defined by the function:  $y = x \times 8$ 

A.

x	y
-3	-11
-2	-10
-1	-9
1	-7

B.

x	y
-2	-16
-1	-8
0	0
3	24

C.

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

D.

x	y
-3	-18
-1	-2
1	14
3	30

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