



Solve each problem.

**Answers**

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

A.	<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>2</td><td>56</td></tr><tr><td>3</td><td>84</td></tr></table>	x	y	-2	-56	1	28	2	56	3	84	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-16</td></tr><tr><td>-3</td><td>-12</td></tr><tr><td>-2</td><td>-8</td></tr><tr><td>2</td><td>8</td></tr></table>	x	y	-4	-16	-3	-12	-2	-8	2	8	C.	<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	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>2</td></tr><tr><td>-1</td><td>3</td></tr><tr><td>0</td><td>4</td></tr><tr><td>1</td><td>5</td></tr></table>	x	y	-2	2	-1	3	0	4	1	5
x	y																																														
-2	-56																																														
1	28																																														
2	56																																														
3	84																																														
x	y																																														
-4	-16																																														
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x	y																																														
-2	2																																														
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0	4																																														
1	5																																														

1. \_\_\_\_\_

2) 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>-2</td><td>-6</td></tr><tr><td>0</td><td>-2</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>4</td></tr></table>	x	y	-2	-6	0	-2	2	2	3	4	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-2</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>4</td></tr><tr><td>4</td><td>8</td></tr></table>	x	y	-1	-2	0	0	2	4	4	8	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-6</td></tr><tr><td>-3</td><td>-5</td></tr><tr><td>-2</td><td>-4</td></tr><tr><td>1</td><td>-1</td></tr></table>	x	y	-4	-6	-3	-5	-2	-4	1	-1	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>6</td></tr><tr><td>0</td><td>0</td></tr><tr><td>3</td><td>-6</td></tr><tr><td>4</td><td>-8</td></tr></table>	x	y	-3	6	0	0	3	-6	4	-8
x	y																																														
-2	-6																																														
0	-2																																														
2	2																																														
3	4																																														
x	y																																														
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x	y																																														
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2. \_\_\_\_\_

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

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

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

3) Which table of values can be defined by the function:  $y = 8x + 9$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-23</td></tr><tr><td>-2</td><td>-7</td></tr><tr><td>1</td><td>17</td></tr><tr><td>2</td><td>25</td></tr></table>	x	y	-4	-23	-2	-7	1	17	2	25	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>-16</td></tr><tr><td>3</td><td>-24</td></tr><tr><td>4</td><td>-32</td></tr></table>	x	y	0	0	2	-16	3	-24	4	-32	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>5</td></tr><tr><td>-2</td><td>6</td></tr><tr><td>0</td><td>8</td></tr><tr><td>1</td><td>9</td></tr></table>	x	y	-3	5	-2	6	0	8	1	9	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-216</td></tr><tr><td>-2</td><td>-144</td></tr><tr><td>-1</td><td>-72</td></tr><tr><td>0</td><td>0</td></tr></table>	x	y	-3	-216	-2	-144	-1	-72	0	0
x	y																																														
-4	-23																																														
-2	-7																																														
1	17																																														
2	25																																														
x	y																																														
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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>-2</td><td>10</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>3</td><td>-15</td></tr><tr><td>4</td><td>-20</td></tr></table>	x	y	-2	10	1	-5	3	-15	4	-20	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>2</td><td>2</td></tr></table>	x	y	-3	-3	0	0	1	1	2	2	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-45</td></tr><tr><td>1</td><td>45</td></tr><tr><td>2</td><td>90</td></tr><tr><td>3</td><td>135</td></tr></table>	x	y	-1	-45	1	45	2	90	3	135	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-15</td></tr><tr><td>-2</td><td>-10</td></tr><tr><td>1</td><td>5</td></tr><tr><td>3</td><td>15</td></tr></table>	x	y	-3	-15	-2	-10	1	5	3	15
x	y																																														
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5) 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>-3</td><td>-27</td></tr><tr><td>-2</td><td>-21</td></tr><tr><td>-1</td><td>-15</td></tr><tr><td>2</td><td>3</td></tr></table>	x	y	-3	-27	-2	-21	-1	-15	2	3	B.	<table border="1"><tr><th>x</th><th>y</th></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><tr><td>3</td><td>-18</td></tr></table>	x	y	-2	12	0	0	2	-12	3	-18	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-9</td></tr><tr><td>-1</td><td>3</td></tr><tr><td>0</td><td>9</td></tr><tr><td>1</td><td>15</td></tr></table>	x	y	-3	-9	-1	3	0	9	1	15	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-9</td></tr><tr><td>-1</td><td>-7</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>3</td><td>-3</td></tr></table>	x	y	-3	-9	-1	-7	1	-5	3	-3
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Solve each problem.

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

A.	x	y
	-2	-56
	1	28
	2	56
	3	84

B.	x	y
	-4	-16
	-3	-12
	-2	-8
	2	8

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

D.	x	y
	-2	2
	-1	3
	0	4
	1	5

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

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

B.	x	y
	-1	-2
	0	0
	2	4
	4	8

C.	x	y
	-4	-6
	-3	-5
	-2	-4
	1	-1

D.	x	y
	-3	6
	0	0
	3	-6
	4	-8

3) Which table of values can be defined by the function:  $y = 8x + 9$

A.	x	y
	-4	-23
	-2	-7
	1	17
	2	25

B.	x	y
	0	0
	2	-16
	3	-24
	4	-32

C.	x	y
	-3	5
	-2	6
	0	8
	1	9

D.	x	y
	-3	-216
	-2	-144
	-1	-72
	0	0

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

A.	x	y
	-2	10
	1	-5
	3	-15
	4	-20

B.	x	y
	-3	-3
	0	0
	1	1
	2	2

C.	x	y
	-1	-45
	1	45
	2	90
	3	135

D.	x	y
	-3	-15
	-2	-10
	1	5
	3	15

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

A.	x	y
	-3	-27
	-2	-21
	-1	-15
	2	3

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

C.	x	y
	-3	-9
	-1	3
	0	9
	1	15

D.	x	y
	-3	-9
	-1	-7
	1	-5
	3	-3

Answers

1. **A**

2. **D**

3. **A**

4. **D**

5. **D**