



Solve each problem.

Answers

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

A.

x	y
-1	-11
0	-7
1	-3
2	1

B.

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

C.

x	y
-2	-1
-1	3
0	7
1	11

D.

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

1. _____

2. _____

3. _____

4. _____

5. _____

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

A.

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

B.

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

C.

x	y
-3	-216
-1	-72
0	0
1	72

D.

x	y
-2	6
0	8
3	11
4	12

3) Which table of values can be defined by the function: $y = 9x \times 7$

A.

x	y
-4	-13
-3	-12
-2	-11
1	-8

B.

x	y
-3	-189
-2	-126
-1	-63
1	63

C.

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

D.

x	y
-3	27
-2	18
1	-9
3	-27

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

A.

x	y
-1	3
0	6
1	9
2	12

B.

x	y
-1	2
0	3
1	4
3	6

C.

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

D.

x	y
-4	-12
0	0
1	3
3	9

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

A.

x	y
-4	-288
-2	-144
-1	-72
0	0

B.

x	y
-3	-19
-1	-1
2	26
3	35

C.

x	y
-4	-13
-3	-12
0	-9
1	-8

D.

x	y
-4	-4
-2	-2
-1	-1
0	0



Solve each problem.

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

A.

x	y
-1	-11
0	-7
1	-3
2	1

B.

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

C.

x	y
-2	-1
-1	3
0	7
1	11

D.

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

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

A.

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

B.

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

C.

x	y
-3	-216
-1	-72
0	0
1	72

D.

x	y
-2	6
0	8
3	11
4	12

3) Which table of values can be defined by the function: $y = 9x \times 7$

A.

x	y
-4	-13
-3	-12
-2	-11
1	-8

B.

x	y
-3	-189
-2	-126
-1	-63
1	63

C.

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

D.

x	y
-3	27
-2	18
1	-9
3	-27

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

A.

x	y
-1	3
0	6
1	9
2	12

B.

x	y
-1	2
0	3
1	4
3	6

C.

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

D.

x	y
-4	-12
0	0
1	3
3	9

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

A.

x	y
-4	-288
-2	-144
-1	-72
0	0

B.

x	y
-3	-19
-1	-1
2	26
3	35

C.

x	y
-4	-13
-3	-12
0	-9
1	-8

D.

x	y
-4	-4
-2	-2
-1	-1
0	0

Answers

1. **D**

2. **B**

3. **B**

4. **A**

5. **D**



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. _____

3. _____

4. _____

5. _____

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																																														
-3	-3																																														
0	0																																														
1	1																																														
3	3																																														
x	y																																														
-4	-3																																														
-3	0																																														
-1	6																																														
0	9																																														
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.	<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																																														
3	3																																														
4	4																																														
x	y																																														
-3	-18																																														
-2	-12																																														
0	0																																														
2	12																																														
x	y																																														
-1	1																																														
0	7																																														
2	19																																														
3	25																																														
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.	<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																																														
4	36																																														
x	y																																														
-3	-135																																														
0	0																																														
2	90																																														
3	135																																														
x	y																																														
-4	-4																																														
-3	-3																																														
-2	-2																																														
-1	-1																																														
x	y																																														
-1	8																																														
1	10																																														
2	11																																														
3	12																																														



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**



Solve each problem.

Answers

1) Which table of values can be defined by the function: $y = 8x \times 2$

A.

x	y
-2	-32
-1	-16
3	48
4	64

B.

x	y
-3	-22
-2	-14
-1	-6
1	10

C.

x	y
-4	-34
-3	-26
2	14
3	22

D.

x	y
-1	8
0	0
3	-24
4	-32

1. _____

2. _____

3. _____

4. _____

5. _____

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

A.

x	y
0	5
1	6
2	7
3	8

B.

x	y
-2	-16
-1	-11
0	-6
4	14

C.

x	y
-2	-10
0	0
1	5
3	15

D.

x	y
-4	-14
-1	1
0	6
2	16

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

A.

x	y
-1	-2
0	7
1	16
2	25

B.

x	y
-3	6
-2	7
-1	8
1	10

C.

x	y
-3	-12
-2	-11
1	-8
3	-6

D.

x	y
-2	18
-1	9
0	0
1	-9

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

A.

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

B.

x	y
-2	-14
-1	-10
1	-2
4	10

C.

x	y
-3	-6
-2	-2
0	6
1	10

D.

x	y
-2	2
0	4
1	5
2	6

5) Which table of values can be defined by the function: $y = 6x - 2$

A.

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

B.

x	y
-3	-18
-2	-12
-1	-6
2	12

C.

x	y
-3	18
-2	12
-1	6
3	-18

D.

x	y
-3	-20
0	-2
2	10
3	16



Solve each problem.

1) Which table of values can be defined by the function: $y = 8x \times 2$

A.

x	y
-2	-32
-1	-16
3	48
4	64

B.

x	y
-3	-22
-2	-14
-1	-6
1	10

C.

x	y
-4	-34
-3	-26
2	14
3	22

D.

x	y
-1	8
0	0
3	-24
4	-32

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

A.

x	y
0	5
1	6
2	7
3	8

B.

x	y
-2	-16
-1	-11
0	-6
4	14

C.

x	y
-2	-10
0	0
1	5
3	15

D.

x	y
-4	-14
-1	1
0	6
2	16

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

A.

x	y
-1	-2
0	7
1	16
2	25

B.

x	y
-3	6
-2	7
-1	8
1	10

C.

x	y
-3	-12
-2	-11
1	-8
3	-6

D.

x	y
-2	18
-1	9
0	0
1	-9

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

A.

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

B.

x	y
-2	-14
-1	-10
1	-2
4	10

C.

x	y
-3	-6
-2	-2
0	6
1	10

D.

x	y
-2	2
0	4
1	5
2	6

5) Which table of values can be defined by the function: $y = 6x - 2$

A.

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

B.

x	y
-3	-18
-2	-12
-1	-6
2	12

C.

x	y
-3	18
-2	12
-1	6
3	-18

D.

x	y
-3	-20
0	-2
2	10
3	16

Answers

1. **A**

2. **C**

3. **C**

4. **C**

5. **D**



Solve each problem.

Answers

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

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

B.	x	y
	-4	-16
	-3	-14
	0	-8
	1	-6

C.	x	y
	0	-2
	1	-1
	3	1
	4	2

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

1. _____

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

A.	x	y
	-3	1
	-1	3
	1	5
	2	6

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

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

D.	x	y
	-3	-3
	-1	-1
	1	1
	2	2

2. _____

3. _____

4. _____

5. _____

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

A.	x	y
	-3	-54
	0	0
	1	18
	4	72

B.	x	y
	-3	-6
	-1	-4
	1	-2
	4	1

C.	x	y
	-4	-4
	-3	-3
	-1	-1
	3	3

D.	x	y
	-1	3
	0	6
	1	9
	2	12

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

A.	x	y
	-3	12
	-2	8
	0	0
	1	-4

B.	x	y
	-1	-9
	0	-5
	1	-1
	3	7

C.	x	y
	-3	-3
	-2	-2
	3	3
	4	4

D.	x	y
	-2	-6
	-1	-5
	3	-1
	4	0

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

A.	x	y
	0	0
	1	3
	2	6
	3	9

B.	x	y
	-2	1
	1	4
	3	6
	4	7

C.	x	y
	-4	-17
	-3	-14
	0	-5
	3	4

D.	x	y
	-4	-60
	-2	-30
	0	0
	4	60



Solve each problem.

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

A.

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

B.

x	y
-4	-16
-3	-14
0	-8
1	-6

C.

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

D.

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

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

A.

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

B.

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

C.

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

D.

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

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

A.

x	y
-3	-54
0	0
1	18
4	72

B.

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

C.

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

D.

x	y
-1	3
0	6
1	9
2	12

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

A.

x	y
-3	12
-2	8
0	0
1	-4

B.

x	y
-1	-9
0	-5
1	-1
3	7

C.

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

D.

x	y
-2	-6
-1	-5
3	-1
4	0

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

A.

x	y
0	0
1	3
2	6
3	9

B.

x	y
-2	1
1	4
3	6
4	7

C.

x	y
-4	-17
-3	-14
0	-5
3	4

D.

x	y
-4	-60
-2	-30
0	0
4	60

Answers

1. **D**

2. **D**

3. **D**

4. **D**

5. **A**



Solve each problem.

Answers

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

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>3</td></tr><tr><td>1</td><td>10</td></tr><tr><td>4</td><td>31</td></tr></table>	x	y	-1	-4	0	3	1	10	4	31	B.	<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>0</td><td>0</td></tr><tr><td>2</td><td>-14</td></tr></table>	x	y	-3	21	-1	7	0	0	2	-14	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-42</td></tr><tr><td>-1</td><td>-21</td></tr><tr><td>2</td><td>42</td></tr><tr><td>3</td><td>63</td></tr></table>	x	y	-2	-42	-1	-21	2	42	3	63	D.	<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>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	-3	-3	1	1	2	2	3	3
x	y																																														
-1	-4																																														
0	3																																														
1	10																																														
4	31																																														
x	y																																														
-3	21																																														
-1	7																																														
0	0																																														
2	-14																																														
x	y																																														
-2	-42																																														
-1	-21																																														
2	42																																														
3	63																																														
x	y																																														
-3	-3																																														
1	1																																														
2	2																																														
3	3																																														

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>-8</td></tr><tr><td>-2</td><td>-6</td></tr><tr><td>2</td><td>-2</td></tr><tr><td>4</td><td>0</td></tr></table>	x	y	-4	-8	-2	-6	2	-2	4	0	B.	<table border="1"><tr><th>x</th><th>y</th></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><tr><td>4</td><td>-16</td></tr></table>	x	y	1	-4	2	-8	3	-12	4	-16	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-64</td></tr><tr><td>-3</td><td>-48</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>16</td></tr></table>	x	y	-4	-64	-3	-48	0	0	1	16	D.	<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>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	-3	-3	1	1	2	2	3	3
x	y																																														
-4	-8																																														
-2	-6																																														
2	-2																																														
4	0																																														
x	y																																														
1	-4																																														
2	-8																																														
3	-12																																														
4	-16																																														
x	y																																														
-4	-64																																														
-3	-48																																														
0	0																																														
1	16																																														
x	y																																														
-3	-3																																														
1	1																																														
2	2																																														
3	3																																														

2. _____

3. _____

4. _____

5. _____

3) 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>-1</td><td>-12</td></tr><tr><td>1</td><td>6</td></tr><tr><td>2</td><td>15</td></tr><tr><td>4</td><td>33</td></tr></table>	x	y	-1	-12	1	6	2	15	4	33	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>9</td></tr><tr><td>2</td><td>11</td></tr><tr><td>3</td><td>12</td></tr></table>	x	y	-1	8	0	9	2	11	3	12	C.	<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>-1</td><td>-10</td></tr><tr><td>2</td><td>-7</td></tr></table>	x	y	-4	-13	-3	-12	-1	-10	2	-7	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>18</td></tr><tr><td>-1</td><td>9</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>-18</td></tr></table>	x	y	-2	18	-1	9	0	0	2	-18
x	y																																														
-1	-12																																														
1	6																																														
2	15																																														
4	33																																														
x	y																																														
-1	8																																														
0	9																																														
2	11																																														
3	12																																														
x	y																																														
-4	-13																																														
-3	-12																																														
-1	-10																																														
2	-7																																														
x	y																																														
-2	18																																														
-1	9																																														
0	0																																														
2	-18																																														

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>-3</td><td>-12</td></tr><tr><td>-1</td><td>-4</td></tr><tr><td>1</td><td>4</td></tr><tr><td>2</td><td>8</td></tr></table>	x	y	-3	-12	-1	-4	1	4	2	8	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-21</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>2</td><td>-1</td></tr></table>	x	y	-3	-21	0	-9	1	-5	2	-1	C.	<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>-1</td><td>4</td></tr></table>	x	y	-4	16	-3	12	-2	8	-1	4	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>-3</td></tr><tr><td>2</td><td>-2</td></tr><tr><td>3</td><td>-1</td></tr></table>	x	y	-1	-5	1	-3	2	-2	3	-1
x	y																																														
-3	-12																																														
-1	-4																																														
1	4																																														
2	8																																														
x	y																																														
-3	-21																																														
0	-9																																														
1	-5																																														
2	-1																																														
x	y																																														
-4	16																																														
-3	12																																														
-2	8																																														
-1	4																																														
x	y																																														
-1	-5																																														
1	-3																																														
2	-2																																														
3	-1																																														

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



Solve each problem.

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

A.

x	y
-1	-4
0	3
1	10
4	31

B.

x	y
-3	21
-1	7
0	0
2	-14

C.

x	y
-2	-42
-1	-21
2	42
3	63

D.

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

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

A.

x	y
-4	-8
-2	-6
2	-2
4	0

B.

x	y
1	-4
2	-8
3	-12
4	-16

C.

x	y
-4	-64
-3	-48
0	0
1	16

D.

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

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

A.

x	y
-1	-12
1	6
2	15
4	33

B.

x	y
-1	8
0	9
2	11
3	12

C.

x	y
-4	-13
-3	-12
-1	-10
2	-7

D.

x	y
-2	18
-1	9
0	0
2	-18

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

A.

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

B.

x	y
-3	-21
0	-9
1	-5
2	-1

C.

x	y
-4	16
-3	12
-2	8
-1	4

D.

x	y
-1	-5
1	-3
2	-2
3	-1

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

A.

x	y
-3	-45
-1	-15
0	0
2	30

B.

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

C.

x	y
0	3
1	4
2	5
4	7

D.

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

Answers

1. **D**

2. **B**

3. **C**

4. **A**

5. **A**



Solve each problem.

Answers

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-1</td></tr><tr><td>0</td><td>0</td></tr><tr><td>2</td><td>2</td></tr><tr><td>4</td><td>4</td></tr></tbody></table>	x	y	-1	-1	0	0	2	2	4	4
x	y										
-1	-1										
0	0										
2	2										
4	4										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-1</td></tr><tr><td>-2</td><td>0</td></tr><tr><td>-1</td><td>1</td></tr><tr><td>2</td><td>4</td></tr></tbody></table>	x	y	-3	-1	-2	0	-1	1	2	4
x	y										
-3	-1										
-2	0										
-1	1										
2	4										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>4</td></tr><tr><td>-1</td><td>2</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>2</td><td>-4</td></tr></tbody></table>	x	y	-2	4	-1	2	1	-2	2	-4
x	y										
-2	4										
-1	2										
1	-2										
2	-4										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><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>-3</td></tr></tbody></table>	x	y	-4	-6	-3	-5	-2	-4	-1	-3
x	y										
-4	-6										
-3	-5										
-2	-4										
-1	-3										

1. _____

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>5</td></tr><tr><td>-1</td><td>6</td></tr><tr><td>0</td><td>7</td></tr><tr><td>1</td><td>8</td></tr></tbody></table>	x	y	-2	5	-1	6	0	7	1	8
x	y										
-2	5										
-1	6										
0	7										
1	8										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-10</td></tr><tr><td>-2</td><td>-9</td></tr><tr><td>-1</td><td>-8</td></tr><tr><td>0</td><td>-7</td></tr></tbody></table>	x	y	-3	-10	-2	-9	-1	-8	0	-7
x	y										
-3	-10										
-2	-9										
-1	-8										
0	-7										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-4</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></tbody></table>	x	y	-4	-4	-1	-1	1	1	4	4
x	y										
-4	-4										
-1	-1										
1	1										
4	4										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-56</td></tr><tr><td>1</td><td>56</td></tr><tr><td>2</td><td>112</td></tr><tr><td>3</td><td>168</td></tr></tbody></table>	x	y	-1	-56	1	56	2	112	3	168
x	y										
-1	-56										
1	56										
2	112										
3	168										

2. _____

3. _____

4. _____

5. _____

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>16</td></tr><tr><td>-3</td><td>12</td></tr><tr><td>-1</td><td>4</td></tr><tr><td>1</td><td>-4</td></tr></tbody></table>	x	y	-4	16	-3	12	-1	4	1	-4
x	y										
-4	16										
-3	12										
-1	4										
1	-4										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-17</td></tr><tr><td>-1</td><td>-13</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-5</td></tr></tbody></table>	x	y	-2	-17	-1	-13	0	-9	1	-5
x	y										
-2	-17										
-1	-13										
0	-9										
1	-5										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>0</td><td>4</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>6</td></tr><tr><td>3</td><td>7</td></tr></tbody></table>	x	y	0	4	1	5	2	6	3	7
x	y										
0	4										
1	5										
2	6										
3	7										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-3</td></tr><tr><td>-2</td><td>1</td></tr><tr><td>-1</td><td>5</td></tr><tr><td>4</td><td>25</td></tr></tbody></table>	x	y	-3	-3	-2	1	-1	5	4	25
x	y										
-3	-3										
-2	1										
-1	5										
4	25										

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

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-23</td></tr><tr><td>-2</td><td>-17</td></tr><tr><td>-1</td><td>-11</td></tr><tr><td>3</td><td>13</td></tr></tbody></table>	x	y	-3	-23	-2	-17	-1	-11	3	13
x	y										
-3	-23										
-2	-17										
-1	-11										
3	13										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-24</td></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></tbody></table>	x	y	-4	-24	-2	-12	-1	-6	1	6
x	y										
-4	-24										
-2	-12										
-1	-6										
1	6										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-30</td></tr><tr><td>1</td><td>30</td></tr><tr><td>2</td><td>60</td></tr><tr><td>3</td><td>90</td></tr></tbody></table>	x	y	-1	-30	1	30	2	60	3	90
x	y										
-1	-30										
1	30										
2	60										
3	90										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-9</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>2</td><td>-4</td></tr><tr><td>3</td><td>-3</td></tr></tbody></table>	x	y	-3	-9	1	-5	2	-4	3	-3
x	y										
-3	-9										
1	-5										
2	-4										
3	-3										

5) Which table of values can be defined by the function: $y = 3x \times 9$

A.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-2</td><td>-6</td></tr><tr><td>-1</td><td>-3</td></tr><tr><td>1</td><td>3</td></tr><tr><td>3</td><td>9</td></tr></tbody></table>	x	y	-2	-6	-1	-3	1	3	3	9
x	y										
-2	-6										
-1	-3										
1	3										
3	9										
B.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-1</td><td>-4</td></tr><tr><td>0</td><td>-3</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>2</td><td>-1</td></tr></tbody></table>	x	y	-1	-4	0	-3	1	-2	2	-1
x	y										
-1	-4										
0	-3										
1	-2										
2	-1										
C.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-3</td><td>-81</td></tr><tr><td>-2</td><td>-54</td></tr><tr><td>1</td><td>27</td></tr><tr><td>2</td><td>54</td></tr></tbody></table>	x	y	-3	-81	-2	-54	1	27	2	54
x	y										
-3	-81										
-2	-54										
1	27										
2	54										
D.	<table border="1"><thead><tr><th>x</th><th>y</th></tr></thead><tbody><tr><td>-4</td><td>-3</td></tr><tr><td>0</td><td>9</td></tr><tr><td>1</td><td>12</td></tr><tr><td>3</td><td>18</td></tr></tbody></table>	x	y	-4	-3	0	9	1	12	3	18
x	y										
-4	-3										
0	9										
1	12										
3	18										



Solve each problem.

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

A.	x	y
	-1	-1
	0	0
	2	2
	4	4

B.	x	y
	-3	-1
	-2	0
	-1	1
	2	4

C.	x	y
	-2	4
	-1	2
	1	-2
	2	-4

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

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

A.	x	y
	-2	5
	-1	6
	0	7
	1	8

B.	x	y
	-3	-10
	-2	-9
	-1	-8
	0	-7

C.	x	y
	-4	-4
	-1	-1
	1	1
	4	4

D.	x	y
	-1	-56
	1	56
	2	112
	3	168

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

A.	x	y
	-4	16
	-3	12
	-1	4
	1	-4

B.	x	y
	-2	-17
	-1	-13
	0	-9
	1	-5

C.	x	y
	0	4
	1	5
	2	6
	3	7

D.	x	y
	-3	-3
	-2	1
	-1	5
	4	25

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

A.	x	y
	-3	-23
	-2	-17
	-1	-11
	3	13

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

C.	x	y
	-1	-30
	1	30
	2	60
	3	90

D.	x	y
	-3	-9
	1	-5
	2	-4
	3	-3

5) Which table of values can be defined by the function: $y = 3x \times 9$

A.	x	y
	-2	-6
	-1	-3
	1	3
	3	9

B.	x	y
	-1	-4
	0	-3
	1	-2
	2	-1

C.	x	y
	-3	-81
	-2	-54
	1	27
	2	54

D.	x	y
	-4	-3
	0	9
	1	12
	3	18

Answers

1. **A**

2. **A**

3. **A**

4. **D**

5. **C**



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																																														
-3	-12																																														
2	-7																																														
3	-6																																														
x	y																																														
-3	-3																																														
-1	-1																																														
0	0																																														
3	3																																														
x	y																																														
-3	-33																																														
-2	-24																																														
0	-6																																														
1	3																																														
x	y																																														
-3	-21																																														
-2	-12																																														
-1	-3																																														
3	33																																														

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																																														
-4	-16																																														
-2	-8																																														
0	0																																														
1	4																																														
x	y																																														
-1	-24																																														
0	0																																														
1	24																																														
4	96																																														
x	y																																														
-3	12																																														
-2	8																																														
-1	4																																														
4	-16																																														
x	y																																														
-1	-10																																														
0	-6																																														
1	-2																																														
3	6																																														

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
x	y																																														
-1	-15																																														
0	-9																																														
1	-3																																														
2	3																																														
x	y																																														
-4	2																																														
-1	5																																														
0	6																																														
1	7																																														
x	y																																														
-1	-1																																														
0	0																																														
1	1																																														
2	2																																														
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.	<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																																														
-3	15																																														
1	-5																																														
2	-10																																														
3	-15																																														
x	y																																														
-4	1																																														
-2	3																																														
-1	4																																														
2	7																																														
x	y																																														
-4	-20																																														
-3	-15																																														
0	0																																														
2	10																																														
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.	<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																																														
2	2																																														
3	3																																														
4	4																																														
x	y																																														
0	2																																														
1	3																																														
2	4																																														
3	5																																														
x	y																																														
-3	1																																														
-2	3																																														
-1	5																																														
4	15																																														
x	y																																														
-4	-8																																														
1	2																																														
3	6																																														
4	8																																														



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**



Solve each problem.

Answers

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

A.

x	y
-4	5
-3	6
0	9
1	10

B.

x	y
-2	-11
-1	-10
1	-8
4	-5

C.

x	y
-1	-36
1	36
2	72
4	144

D.

x	y
-4	-32
-2	-14
2	22
4	40

1. _____

2. _____

3. _____

4. _____

5. _____

2) Which table of values can be defined by the function: $y = 8x - 7$

A.

x	y
-2	-23
0	-7
2	9
3	17

B.

x	y
-3	5
0	8
1	9
3	11

C.

x	y
-2	-9
-1	-1
2	23
3	31

D.

x	y
-1	-1
0	0
1	1
2	2

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

A.

x	y
-3	-1
1	3
2	4
3	5

B.

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

C.

x	y
-3	-6
0	0
1	2
4	8

D.

x	y
-1	5
0	7
2	11
3	13

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

A.

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

B.

x	y
-2	2
-1	4
0	6
3	12

C.

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

D.

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

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

A.

x	y
-2	1
-1	2
0	3
4	7

B.

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

C.

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

D.

x	y
-3	9
-1	3
0	0
3	-9



Solve each problem.

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

A.

x	y
-4	5
-3	6
0	9
1	10

B.

x	y
-2	-11
-1	-10
1	-8
4	-5

C.

x	y
-1	-36
1	36
2	72
4	144

D.

x	y
-4	-32
-2	-14
2	22
4	40

2) Which table of values can be defined by the function: $y = 8x - 7$

A.

x	y
-2	-23
0	-7
2	9
3	17

B.

x	y
-3	5
0	8
1	9
3	11

C.

x	y
-2	-9
-1	-1
2	23
3	31

D.

x	y
-1	-1
0	0
1	1
2	2

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

A.

x	y
-3	-1
1	3
2	4
3	5

B.

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

C.

x	y
-3	-6
0	0
1	2
4	8

D.

x	y
-1	5
0	7
2	11
3	13

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

A.

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

B.

x	y
-2	2
-1	4
0	6
3	12

C.

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

D.

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

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

A.

x	y
-2	1
-1	2
0	3
4	7

B.

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

C.

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

D.

x	y
-3	9
-1	3
0	0
3	-9

Answers

1. **B**

2. **A**

3. **C**

4. **C**

5. **C**



Solve each problem.

Answers

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

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>-2</td><td>-2</td></tr><tr><td>0</td><td>0</td></tr></table>	x	y	-4	-4	-3	-3	-2	-2	0	0
x	y										
-4	-4										
-3	-3										
-2	-2										
0	0										
B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-28</td></tr><tr><td>-3</td><td>-22</td></tr><tr><td>-1</td><td>-10</td></tr><tr><td>0</td><td>-4</td></tr></table>	x	y	-4	-28	-3	-22	-1	-10	0	-4
x	y										
-4	-28										
-3	-22										
-1	-10										
0	-4										
C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>24</td></tr><tr><td>-2</td><td>12</td></tr><tr><td>-1</td><td>6</td></tr><tr><td>3</td><td>-18</td></tr></table>	x	y	-4	24	-2	12	-1	6	3	-18
x	y										
-4	24										
-2	12										
-1	6										
3	-18										
D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>2</td></tr><tr><td>-3</td><td>3</td></tr><tr><td>-2</td><td>4</td></tr><tr><td>0</td><td>6</td></tr></table>	x	y	-4	2	-3	3	-2	4	0	6
x	y										
-4	2										
-3	3										
-2	4										
0	6										

1. _____

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-13</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	-3	-13	-1	-1	2	17	3	23
x	y										
-3	-13										
-1	-1										
2	17										
3	23										
B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-90</td></tr><tr><td>-2</td><td>-60</td></tr><tr><td>-1</td><td>-30</td></tr><tr><td>1</td><td>30</td></tr></table>	x	y	-3	-90	-2	-60	-1	-30	1	30
x	y										
-3	-90										
-2	-60										
-1	-30										
1	30										
C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-9</td></tr><tr><td>-2</td><td>-8</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>4</td><td>-2</td></tr></table>	x	y	-3	-9	-2	-8	1	-5	4	-2
x	y										
-3	-9										
-2	-8										
1	-5										
4	-2										
D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-24</td></tr><tr><td>-2</td><td>-12</td></tr><tr><td>1</td><td>6</td></tr><tr><td>3</td><td>18</td></tr></table>	x	y	-4	-24	-2	-12	1	6	3	18
x	y										
-4	-24										
-2	-12										
1	6										
3	18										

2. _____

3. _____

4. _____

5. _____

3) Which table of values can be defined by the function: $y = x \times (-7)$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>14</td></tr><tr><td>-1</td><td>7</td></tr><tr><td>0</td><td>0</td></tr><tr><td>3</td><td>-21</td></tr></table>	x	y	-2	14	-1	7	0	0	3	-21
x	y										
-2	14										
-1	7										
0	0										
3	-21										
B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-14</td></tr><tr><td>1</td><td>7</td></tr><tr><td>2</td><td>14</td></tr><tr><td>4</td><td>28</td></tr></table>	x	y	-2	-14	1	7	2	14	4	28
x	y										
-2	-14										
1	7										
2	14										
4	28										
C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-16</td></tr><tr><td>1</td><td>-2</td></tr><tr><td>3</td><td>12</td></tr><tr><td>4</td><td>19</td></tr></table>	x	y	-1	-16	1	-2	3	12	4	19
x	y										
-1	-16										
1	-2										
3	12										
4	19										
D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-11</td></tr><tr><td>0</td><td>-7</td></tr><tr><td>1</td><td>-6</td></tr><tr><td>2</td><td>-5</td></tr></table>	x	y	-4	-11	0	-7	1	-6	2	-5
x	y										
-4	-11										
0	-7										
1	-6										
2	-5										

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-3</td></tr><tr><td>0</td><td>2</td></tr><tr><td>2</td><td>12</td></tr><tr><td>4</td><td>22</td></tr></table>	x	y	-1	-3	0	2	2	12	4	22
x	y										
-1	-3										
0	2										
2	12										
4	22										
B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-10</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>10</td></tr><tr><td>2</td><td>20</td></tr></table>	x	y	-1	-10	0	0	1	10	2	20
x	y										
-1	-10										
0	0										
1	10										
2	20										
C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-8</td></tr><tr><td>1</td><td>-4</td></tr><tr><td>3</td><td>-2</td></tr><tr><td>4</td><td>-1</td></tr></table>	x	y	-3	-8	1	-4	3	-2	4	-1
x	y										
-3	-8										
1	-4										
3	-2										
4	-1										
D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-22</td></tr><tr><td>-2</td><td>-12</td></tr><tr><td>0</td><td>-2</td></tr><tr><td>2</td><td>8</td></tr></table>	x	y	-4	-22	-2	-12	0	-2	2	8
x	y										
-4	-22										
-2	-12										
0	-2										
2	8										

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

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>16</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	-4	16	1	-4	2	-8	3	-12
x	y										
-4	16										
1	-4										
2	-8										
3	-12										
B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>2</td></tr><tr><td>1</td><td>5</td></tr><tr><td>2</td><td>6</td></tr><tr><td>4</td><td>8</td></tr></table>	x	y	-2	2	1	5	2	6	4	8
x	y										
-2	2										
1	5										
2	6										
4	8										
C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-7</td></tr><tr><td>0</td><td>9</td></tr><tr><td>1</td><td>13</td></tr><tr><td>3</td><td>21</td></tr></table>	x	y	-4	-7	0	9	1	13	3	21
x	y										
-4	-7										
0	9										
1	13										
3	21										
D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-21</td></tr><tr><td>-1</td><td>-13</td></tr><tr><td>0</td><td>-9</td></tr><tr><td>1</td><td>-5</td></tr></table>	x	y	-3	-21	-1	-13	0	-9	1	-5
x	y										
-3	-21										
-1	-13										
0	-9										
1	-5										



Solve each problem.

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

A.

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

B.

x	y
-4	-28
-3	-22
-1	-10
0	-4

C.

x	y
-4	24
-2	12
-1	6
3	-18

D.

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

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

A.

x	y
-3	-13
-1	-1
2	17
3	23

B.

x	y
-3	-90
-2	-60
-1	-30
1	30

C.

x	y
-3	-9
-2	-8
1	-5
4	-2

D.

x	y
-4	-24
-2	-12
1	6
3	18

3) Which table of values can be defined by the function: $y = x \times (-7)$

A.

x	y
-2	14
-1	7
0	0
3	-21

B.

x	y
-2	-14
1	7
2	14
4	28

C.

x	y
-1	-16
1	-2
3	12
4	19

D.

x	y
-4	-11
0	-7
1	-6
2	-5

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

A.

x	y
-1	-3
0	2
2	12
4	22

B.

x	y
-1	-10
0	0
1	10
2	20

C.

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

D.

x	y
-4	-22
-2	-12
0	-2
2	8

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

A.

x	y
-4	16
1	-4
2	-8
3	-12

B.

x	y
-2	2
1	5
2	6
4	8

C.

x	y
-4	-7
0	9
1	13
3	21

D.

x	y
-3	-21
-1	-13
0	-9
1	-5

Answers

1. **B**

2. **A**

3. **A**

4. **C**

5. **B**



Solve each problem.

Answers

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

A.

x	y
-2	-84
-1	-42
1	42
3	126

B.

x	y
-3	-18
-2	-12
1	6
3	18

C.

x	y
-1	-7
0	-6
1	-5
3	-3

D.

x	y
-2	-5
-1	1
1	13
3	25

1. _____

2. _____

3. _____

4. _____

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

A.

x	y
-4	1
-2	3
0	5
2	7

B.

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

C.

x	y
-3	-15
-2	-10
2	10
3	15

D.

x	y
-4	-4
0	0
3	3
4	4

5. _____

3) Which table of values can be defined by the function: $y = 7x \times 6$

A.

x	y
-4	3
-1	6
1	8
2	9

B.

x	y
-1	-7
0	0
1	7
3	21

C.

x	y
-3	-126
-2	-84
0	0
3	126

D.

x	y
-4	-22
-3	-15
0	6
1	13

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

A.

x	y
-4	-27
-3	-21
-1	-9
2	9

B.

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

C.

x	y
-3	-54
1	18
3	54
4	72

D.

x	y
-4	-21
-3	-15
-2	-9
0	3

5) Which table of values can be defined by the function: $y = 7x + 2$

A.

x	y
-1	-7
1	7
2	14
3	21

B.

x	y
-4	-30
-1	-9
0	-2
2	12

C.

x	y
-3	-19
-2	-12
-1	-5
3	23

D.

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



Solve each problem.

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

A.

x	y
-2	-84
-1	-42
1	42
3	126

B.

x	y
-3	-18
-2	-12
1	6
3	18

C.

x	y
-1	-7
0	-6
1	-5
3	-3

D.

x	y
-2	-5
-1	1
1	13
3	25

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

A.

x	y
-4	1
-2	3
0	5
2	7

B.

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

C.

x	y
-3	-15
-2	-10
2	10
3	15

D.

x	y
-4	-4
0	0
3	3
4	4

3) Which table of values can be defined by the function: $y = 7x \times 6$

A.

x	y
-4	3
-1	6
1	8
2	9

B.

x	y
-1	-7
0	0
1	7
3	21

C.

x	y
-3	-126
-2	-84
0	0
3	126

D.

x	y
-4	-22
-3	-15
0	6
1	13

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

A.

x	y
-4	-27
-3	-21
-1	-9
2	9

B.

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

C.

x	y
-3	-54
1	18
3	54
4	72

D.

x	y
-4	-21
-3	-15
-2	-9
0	3

5) Which table of values can be defined by the function: $y = 7x + 2$

A.

x	y
-1	-7
1	7
2	14
3	21

B.

x	y
-4	-30
-1	-9
0	-2
2	12

C.

x	y
-3	-19
-2	-12
-1	-5
3	23

D.

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

Answers

1. **B**

2. **A**

3. **C**

4. **A**

5. **C**