Identifying Tables from a Function

Name:

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×(-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×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÷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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Identifying Tables from a Function Name: **Answer Key**

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×(-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×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÷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

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 7x×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×(-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÷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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 7x×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×(-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÷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

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 8x×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×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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 8x×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×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

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = x×(-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÷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×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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = x×(-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÷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×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

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 3x÷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×(-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×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×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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 3x÷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×(-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×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×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

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 7x÷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×(-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×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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = 7x÷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×(-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×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

1-5	80	60	40	20	0

Identifying Tables from a Function

Name:

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×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×(-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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

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×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×(-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

1-5	80	60	40	20	0

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×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÷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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

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×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÷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**

1-5	80	60	40	20	0

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×(-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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

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×(-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**

1-5	80	60	40	20	0

Solve each problem.

1) Which table of values can be defined by the function: y = x×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×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. _____
2. _____
3. _____
4. _____
5. _____

1-5	80	60	40	20	0

Solve each problem.

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

1-5	80	60	40	20	0