



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:  $y = x^2$ 

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 |

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