



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. | <table><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-8</td></tr><tr><td>-1</td><td>-7</td></tr><tr><td>1</td><td>-5</td></tr><tr><td>2</td><td>-4</td></tr></table> | x | y | -2 | -8 | -1 | -7 | 1 | -5 | 2 | -4 | B. | <table><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>-1</td><td>-6</td></tr><tr><td>2</td><td>12</td></tr></table> | x | y | -3 | -18 | -2 | -12 | -1 | -6 | 2 | 12 | C. | <table><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>-1</td><td>6</td></tr><tr><td>3</td><td>-18</td></tr></table> | x | y | -3 | 18 | -2 | 12 | -1 | 6 | 3 | -18 | D. | <table><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-20</td></tr><tr><td>0</td><td>-2</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>16</td></tr></table> | x | y | -3 | -20 | 0 | -2 | 2 | 10 | 3 | 16 |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|----|----|----|---|----|---|----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|-----|----|-----|----|----|---|----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|----|----|----|----|---|---|-----|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|----|-----|---|----|---|----|---|----|
| x  | y                                                                                                                                                                      |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -2 | -8                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -1 | -7                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 1  | -5                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 2  | -4                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| x  | y                                                                                                                                                                      |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -3 | -18                                                                                                                                                                    |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -2 | -12                                                                                                                                                                    |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -1 | -6                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 2  | 12                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| x  | y                                                                                                                                                                      |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -3 | 18                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -2 | 12                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -1 | 6                                                                                                                                                                      |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 3  | -18                                                                                                                                                                    |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| x  | y                                                                                                                                                                      |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| -3 | -20                                                                                                                                                                    |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 0  | -2                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 2  | 10                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |
| 3  | 16                                                                                                                                                                     |   |   |    |    |    |    |   |    |   |    |    |                                                                                                                                                                           |   |   |    |     |    |     |    |    |   |    |    |                                                                                                                                                                         |   |   |    |    |    |    |    |   |   |     |    |                                                                                                                                                                        |   |   |    |     |   |    |   |    |   |    |

Answers

1. **A**
2. **C**
3. **C**
4. **C**
5. **D**