# Identifying Tables from a Function

Name:

**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 |
|---|---|---|---|---|---|

Identifying Tables from a Function

Name: **Answer Key**

**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 |
|---|---|---|---|---|---|