



Based ONLY on the information presented, determine if the table describes a function (yes) or not (no). In the table x represents the input and y represents the output.

Answers

1)

| X | Y |
|-----|-----|
| -10 | -8 |
| -8 | -10 |
| -8 | -7 |
| -4 | -1 |
| 9 | 9 |

2)

| X | Y |
|----|----|
| -3 | -6 |
| -2 | 5 |
| -1 | 8 |
| 4 | 3 |
| 10 | 3 |

3)

| X | Y |
|----|-----|
| -6 | -24 |
| -2 | -8 |
| 4 | 16 |
| 5 | 20 |
| 6 | 24 |

4)

| X | Y |
|-----|-----|
| -10 | -10 |
| -9 | 3 |
| 1 | -3 |
| 1 | 1 |
| 3 | -3 |

5)

| X | Y |
|----|----|
| -6 | -1 |
| -3 | 1 |
| 2 | -8 |
| 8 | 1 |
| 9 | 7 |

6)

| X | Y |
|-----|-----|
| -10 | -11 |
| -8 | -9 |
| 1 | 0 |
| 4 | 3 |
| 8 | 7 |

7)

| X | Y |
|-----|----|
| -10 | 5 |
| -1 | 5 |
| 0 | -7 |
| 8 | 4 |
| 10 | 3 |

8)

| X | Y |
|----|----|
| -6 | 8 |
| 5 | 1 |
| 6 | -6 |
| 8 | 1 |
| 8 | 6 |

9)

| X | Y |
|-----|-----|
| 4 | -2 |
| 4 | 2 |
| 64 | -8 |
| 81 | -9 |
| 100 | -10 |

10)

| X | Y |
|----|----|
| 9 | 3 |
| 16 | -4 |
| 16 | 4 |
| 25 | -5 |
| 49 | 7 |

11)

| X | Y |
|-----|-----|
| -10 | 100 |
| -8 | 64 |
| -7 | 49 |
| -3 | 9 |
| 10 | 100 |

12)

| X | Y |
|----|-----|
| -9 | 81 |
| -4 | 16 |
| 4 | 16 |
| 5 | 25 |
| 10 | 100 |

13)

| X | Y |
|----|----|
| 4 | -2 |
| 9 | -3 |
| 9 | 3 |
| 36 | 6 |
| 49 | 7 |

14)

| X | Y |
|----|----|
| -9 | 81 |
| -4 | 16 |
| -3 | 9 |
| 4 | 16 |
| 7 | 49 |

15)

| X | Y |
|-----|----|
| -18 | -9 |
| -16 | -8 |
| -10 | -5 |
| 16 | 8 |
| 20 | 10 |

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Based ONLY on the information presented, determine if the table describes a function (yes) or not (no). In the table x represents the input and y represents the output.

1)

| X | Y |
|-----|-----|
| -10 | -8 |
| -8 | -10 |
| -8 | -7 |
| -4 | -1 |
| 9 | 9 |

2)

| X | Y |
|----|----|
| -3 | -6 |
| -2 | 5 |
| -1 | 8 |
| 4 | 3 |
| 10 | 3 |

3)

| X | Y |
|----|-----|
| -6 | -24 |
| -2 | -8 |
| 4 | 16 |
| 5 | 20 |
| 6 | 24 |

4)

| X | Y |
|-----|-----|
| -10 | -10 |
| -9 | 3 |
| 1 | -3 |
| 1 | 1 |
| 3 | -3 |

5)

| X | Y |
|----|----|
| -6 | -1 |
| -3 | 1 |
| 2 | -8 |
| 8 | 1 |
| 9 | 7 |

6)

| X | Y |
|-----|-----|
| -10 | -11 |
| -8 | -9 |
| 1 | 0 |
| 4 | 3 |
| 8 | 7 |

7)

| X | Y |
|-----|----|
| -10 | 5 |
| -1 | 5 |
| 0 | -7 |
| 8 | 4 |
| 10 | 3 |

8)

| X | Y |
|----|----|
| -6 | 8 |
| 5 | 1 |
| 6 | -6 |
| 8 | 1 |
| 8 | 6 |

9)

| X | Y |
|-----|-----|
| 4 | -2 |
| 4 | 2 |
| 64 | -8 |
| 81 | -9 |
| 100 | -10 |

10)

| X | Y |
|----|----|
| 9 | 3 |
| 16 | -4 |
| 16 | 4 |
| 25 | -5 |
| 49 | 7 |

11)

| X | Y |
|-----|-----|
| -10 | 100 |
| -8 | 64 |
| -7 | 49 |
| -3 | 9 |
| 10 | 100 |

12)

| X | Y |
|----|-----|
| -9 | 81 |
| -4 | 16 |
| 4 | 16 |
| 5 | 25 |
| 10 | 100 |

13)

| X | Y |
|----|----|
| 4 | -2 |
| 9 | -3 |
| 9 | 3 |
| 36 | 6 |
| 49 | 7 |

14)

| X | Y |
|----|----|
| -9 | 81 |
| -4 | 16 |
| -3 | 9 |
| 4 | 16 |
| 7 | 49 |

15)

| X | Y |
|-----|----|
| -18 | -9 |
| -16 | -8 |
| -10 | -5 |
| 16 | 8 |
| 20 | 10 |

Answers

1. no
2. yes
3. yes
4. no
5. yes
6. yes
7. yes
8. no
9. no
10. no
11. yes
12. yes
13. no
14. yes
15. yes