



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 |
|----|----|
| -9 | 81 |
| -5 | 25 |
| 4 | 16 |
| 5 | 25 |
| 7 | 49 |

2)

| X | Y |
|-----|-----|
| -10 | 6 |
| -7 | 2 |
| 1 | -3 |
| 4 | -10 |
| 7 | 6 |

3)

| X | Y |
|----|-----|
| -6 | -16 |
| -3 | -13 |
| 3 | -7 |
| 4 | -6 |
| 7 | -3 |

4)

| X | Y |
|----|----|
| -2 | -2 |
| -1 | -1 |
| 0 | 0 |
| 7 | 7 |
| 9 | 9 |

5)

| X | Y |
|----|----|
| -9 | 81 |
| 2 | 4 |
| 3 | 9 |
| 6 | 36 |
| 9 | 81 |

6)

| X | Y |
|----|----|
| -9 | -4 |
| -6 | -1 |
| 4 | 9 |
| 6 | 11 |
| 10 | 15 |

7)

| X | Y |
|----|----|
| -7 | 49 |
| -5 | 25 |
| 5 | 25 |
| 6 | 36 |
| 9 | 81 |

8)

| X | Y |
|----|----|
| -8 | 7 |
| -6 | -2 |
| -4 | -1 |
| 2 | 10 |
| 6 | 7 |

9)

| X | Y |
|-----|-----|
| 25 | 5 |
| 36 | 6 |
| 64 | -8 |
| 64 | 8 |
| 100 | -10 |

10)

| X | Y |
|----|----|
| -5 | 4 |
| 1 | 1 |
| 1 | 9 |
| 8 | 9 |
| 9 | -5 |

11)

| X | Y |
|----|----|
| 9 | 3 |
| 25 | 5 |
| 64 | -8 |
| 64 | 8 |
| 81 | 9 |

12)

| X | Y |
|-----|-----|
| -10 | -10 |
| -6 | -9 |
| -6 | -2 |
| 6 | 6 |
| 7 | 7 |

13)

| X | Y |
|----|-----|
| -7 | 49 |
| -4 | 16 |
| -2 | 4 |
| 4 | 16 |
| 10 | 100 |

14)

| X | Y |
|-----|-----|
| -10 | 8 |
| -2 | -10 |
| -2 | -9 |
| 5 | 5 |
| 9 | 9 |

15)

| X | Y |
|----|----|
| -7 | 5 |
| -5 | -4 |
| -4 | 5 |
| 5 | -9 |
| 9 | -2 |

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



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1)

| X | Y |
|----|----|
| -9 | 81 |
| -5 | 25 |
| 4 | 16 |
| 5 | 25 |
| 7 | 49 |

2)

| X | Y |
|-----|-----|
| -10 | 6 |
| -7 | 2 |
| 1 | -3 |
| 4 | -10 |
| 7 | 6 |

3)

| X | Y |
|----|-----|
| -6 | -16 |
| -3 | -13 |
| 3 | -7 |
| 4 | -6 |
| 7 | -3 |

4)

| X | Y |
|----|----|
| -2 | -2 |
| -1 | -1 |
| 0 | 0 |
| 7 | 7 |
| 9 | 9 |

5)

| X | Y |
|----|----|
| -9 | 81 |
| 2 | 4 |
| 3 | 9 |
| 6 | 36 |
| 9 | 81 |

6)

| X | Y |
|----|----|
| -9 | -4 |
| -6 | -1 |
| 4 | 9 |
| 6 | 11 |
| 10 | 15 |

7)

| X | Y |
|----|----|
| -7 | 49 |
| -5 | 25 |
| 5 | 25 |
| 6 | 36 |
| 9 | 81 |

8)

| X | Y |
|----|----|
| -8 | 7 |
| -6 | -2 |
| -4 | -1 |
| 2 | 10 |
| 6 | 7 |

9)

| X | Y |
|-----|-----|
| 25 | 5 |
| 36 | 6 |
| 64 | -8 |
| 64 | 8 |
| 100 | -10 |

10)

| X | Y |
|----|----|
| -5 | 4 |
| 1 | 1 |
| 1 | 9 |
| 8 | 9 |
| 9 | -5 |

11)

| X | Y |
|----|----|
| 9 | 3 |
| 25 | 5 |
| 64 | -8 |
| 64 | 8 |
| 81 | 9 |

12)

| X | Y |
|-----|-----|
| -10 | -10 |
| -6 | -9 |
| -6 | -2 |
| 6 | 6 |
| 7 | 7 |

13)

| X | Y |
|----|-----|
| -7 | 49 |
| -4 | 16 |
| -2 | 4 |
| 4 | 16 |
| 10 | 100 |

14)

| X | Y |
|-----|-----|
| -10 | 8 |
| -2 | -10 |
| -2 | -9 |
| 5 | 5 |
| 9 | 9 |

15)

| X | Y |
|----|----|
| -7 | 5 |
| -5 | -4 |
| -4 | 5 |
| 5 | -9 |
| 9 | -2 |

Answers

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