



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 |
|----|----|
| -6 | 36 |
| -2 | 4 |
| 2 | 4 |
| 8 | 64 |
| 9 | 81 |

2)

| X | Y |
|----|----|
| -3 | 1 |
| 3 | -5 |
| 5 | -5 |
| 6 | -1 |
| 9 | -8 |

3)

| X | Y |
|----|----|
| -9 | -8 |
| 1 | -3 |
| 2 | -3 |
| 6 | 10 |
| 8 | 8 |

4)

| X | Y |
|-----|-----|
| -10 | -10 |
| -9 | 8 |
| 6 | 6 |
| 8 | -9 |
| 8 | -2 |

5)

| X | Y |
|----|-----|
| -5 | 30 |
| 0 | 0 |
| 1 | -6 |
| 2 | -12 |
| 3 | -18 |

6)

| X | Y |
|----|----|
| 9 | 3 |
| 25 | -5 |
| 25 | 5 |
| 36 | 6 |
| 81 | 9 |

7)

| X | Y |
|-----|-----|
| -10 | 100 |
| -6 | 36 |
| -5 | 25 |
| -3 | 9 |
| 5 | 25 |

8)

| X | Y |
|----|----|
| 16 | -4 |
| 36 | -6 |
| 36 | 6 |
| 64 | 8 |
| 81 | -9 |

9)

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

10)

| X | Y |
|-----|-----|
| 49 | -7 |
| 64 | 8 |
| 81 | -9 |
| 100 | -10 |
| 100 | 10 |

11)

| X | Y |
|----|----|
| -8 | 64 |
| -3 | 9 |
| 2 | 4 |
| 8 | 64 |
| 9 | 81 |

12)

| X | Y |
|----|----|
| -8 | -2 |
| -5 | 1 |
| 1 | 7 |
| 6 | 12 |
| 10 | 16 |

13)

| X | Y |
|-----|----|
| 4 | 2 |
| 16 | -4 |
| 64 | -8 |
| 64 | 8 |
| 100 | 10 |

14)

| X | Y |
|-----|----|
| 48 | -8 |
| -24 | 4 |
| -30 | 5 |
| -54 | 9 |
| -60 | 10 |

15)

| X | Y |
|-----|-----|
| -10 | 3 |
| 2 | 2 |
| 8 | -10 |
| 10 | -7 |
| 10 | 8 |

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



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1)

| X | Y |
|----|----|
| -6 | 36 |
| -2 | 4 |
| 2 | 4 |
| 8 | 64 |
| 9 | 81 |

2)

| X | Y |
|----|----|
| -3 | 1 |
| 3 | -5 |
| 5 | -5 |
| 6 | -1 |
| 9 | -8 |

3)

| X | Y |
|----|----|
| -9 | -8 |
| 1 | -3 |
| 2 | -3 |
| 6 | 10 |
| 8 | 8 |

4)

| X | Y |
|-----|-----|
| -10 | -10 |
| -9 | 8 |
| 6 | 6 |
| 8 | -9 |
| 8 | -2 |

5)

| X | Y |
|----|-----|
| -5 | 30 |
| 0 | 0 |
| 1 | -6 |
| 2 | -12 |
| 3 | -18 |

6)

| X | Y |
|----|----|
| 9 | 3 |
| 25 | -5 |
| 25 | 5 |
| 36 | 6 |
| 81 | 9 |

7)

| X | Y |
|-----|-----|
| -10 | 100 |
| -6 | 36 |
| -5 | 25 |
| -3 | 9 |
| 5 | 25 |

8)

| X | Y |
|----|----|
| 16 | -4 |
| 36 | -6 |
| 36 | 6 |
| 64 | 8 |
| 81 | -9 |

9)

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

10)

| X | Y |
|-----|-----|
| 49 | -7 |
| 64 | 8 |
| 81 | -9 |
| 100 | -10 |
| 100 | 10 |

11)

| X | Y |
|----|----|
| -8 | 64 |
| -3 | 9 |
| 2 | 4 |
| 8 | 64 |
| 9 | 81 |

12)

| X | Y |
|----|----|
| -8 | -2 |
| -5 | 1 |
| 1 | 7 |
| 6 | 12 |
| 10 | 16 |

13)

| X | Y |
|-----|----|
| 4 | 2 |
| 16 | -4 |
| 64 | -8 |
| 64 | 8 |
| 100 | 10 |

14)

| X | Y |
|-----|----|
| 48 | -8 |
| -24 | 4 |
| -30 | 5 |
| -54 | 9 |
| -60 | 10 |

15)

| X | Y |
|-----|-----|
| -10 | 3 |
| 2 | 2 |
| 8 | -10 |
| 10 | -7 |
| 10 | 8 |

Answers

1. yes

2. yes

3. yes

4. no

5. yes

6. no

7. yes

8. no

9. yes

10. no

11. yes

12. yes

13. no

14. yes

15. no