



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 |
|----|----|
| 4 | -2 |
| 4 | 2 |
| 16 | 4 |
| 36 | 6 |
| 64 | 8 |

2)

| X | Y |
|----|----|
| 4 | -2 |
| 16 | 4 |
| 25 | -5 |
| 49 | -7 |
| 49 | 7 |

3)

| X | Y |
|-----|----|
| 36 | -6 |
| 12 | -2 |
| -6 | 1 |
| -42 | 7 |
| -48 | 8 |

4)

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

5)

| X | Y |
|----|----|
| -7 | 49 |
| -3 | 9 |
| -2 | 4 |
| 3 | 9 |
| 5 | 25 |

6)

| X | Y |
|----|-----|
| -9 | -13 |
| -5 | -9 |
| -3 | -7 |
| 1 | -3 |
| 3 | -1 |

7)

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

8)

| X | Y |
|----|----|
| -5 | -2 |
| -4 | -5 |
| -2 | 8 |
| 8 | -4 |
| 8 | 1 |

9)

| X | Y |
|-----|-----|
| 16 | -4 |
| 49 | -7 |
| 81 | -9 |
| 100 | -10 |
| 100 | 10 |

10)

| X | Y |
|----|----|
| -2 | 5 |
| 3 | 5 |
| 4 | 2 |
| 6 | -3 |
| 7 | -2 |

11)

| X | Y |
|-----|----|
| -10 | -8 |
| -9 | -7 |
| -7 | -5 |
| -4 | -2 |
| 5 | 7 |

12)

| X | Y |
|----|----|
| -8 | 0 |
| -6 | 5 |
| -3 | 0 |
| 6 | -7 |
| 9 | 3 |

13)

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

14)

| X | Y |
|----|---|
| -1 | 9 |
| 0 | 1 |
| 1 | 3 |
| 3 | 0 |
| 3 | 6 |

15)

| X | Y |
|-----|-----|
| -10 | 100 |
| -5 | 25 |
| -4 | 16 |
| 3 | 9 |
| 4 | 16 |

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 |
|----|----|
| 4 | -2 |
| 4 | 2 |
| 16 | 4 |
| 36 | 6 |
| 64 | 8 |

2)

| X | Y |
|----|----|
| 4 | -2 |
| 16 | 4 |
| 25 | -5 |
| 49 | -7 |
| 49 | 7 |

3)

| X | Y |
|-----|----|
| 36 | -6 |
| 12 | -2 |
| -6 | 1 |
| -42 | 7 |
| -48 | 8 |

4)

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

5)

| X | Y |
|----|----|
| -7 | 49 |
| -3 | 9 |
| -2 | 4 |
| 3 | 9 |
| 5 | 25 |

6)

| X | Y |
|----|-----|
| -9 | -13 |
| -5 | -9 |
| -3 | -7 |
| 1 | -3 |
| 3 | -1 |

7)

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

8)

| X | Y |
|----|----|
| -5 | -2 |
| -4 | -5 |
| -2 | 8 |
| 8 | -4 |
| 8 | 1 |

9)

| X | Y |
|-----|-----|
| 16 | -4 |
| 49 | -7 |
| 81 | -9 |
| 100 | -10 |
| 100 | 10 |

10)

| X | Y |
|----|----|
| -2 | 5 |
| 3 | 5 |
| 4 | 2 |
| 6 | -3 |
| 7 | -2 |

11)

| X | Y |
|-----|----|
| -10 | -8 |
| -9 | -7 |
| -7 | -5 |
| -4 | -2 |
| 5 | 7 |

12)

| X | Y |
|----|----|
| -8 | 0 |
| -6 | 5 |
| -3 | 0 |
| 6 | -7 |
| 9 | 3 |

13)

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

14)

| X | Y |
|----|---|
| -1 | 9 |
| 0 | 1 |
| 1 | 3 |
| 3 | 0 |
| 3 | 6 |

15)

| X | Y |
|-----|-----|
| -10 | 100 |
| -5 | 25 |
| -4 | 16 |
| 3 | 9 |
| 4 | 16 |

Answers

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



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

2)

| X | Y |
|----|----|
| -1 | -1 |
| 2 | 2 |
| 5 | 5 |
| 6 | 6 |
| 10 | 10 |

3)

| X | Y |
|----|-----|
| -8 | 2 |
| -7 | -9 |
| -2 | -8 |
| 0 | -10 |
| 8 | -9 |

4)

| X | Y |
|-----|-----|
| -10 | 8 |
| 1 | -10 |
| 5 | 1 |
| 8 | 5 |
| 8 | 8 |

5)

| X | Y |
|----|-----|
| -9 | -10 |
| -9 | -7 |
| -8 | 0 |
| 0 | -8 |
| 1 | 1 |

6)

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

7)

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

8)

| X | Y |
|----|----|
| -9 | 81 |
| -6 | 36 |
| -3 | 9 |
| 6 | 36 |
| 7 | 49 |

9)

| X | Y |
|----|----|
| 25 | 5 |
| 36 | 6 |
| 49 | 7 |
| 64 | -8 |
| 64 | 8 |

10)

| X | Y |
|----|----|
| -6 | -7 |
| -2 | -5 |
| 0 | 5 |
| 2 | -5 |
| 7 | -3 |

11)

| X | Y |
|----|----|
| -9 | 0 |
| -2 | -2 |
| 0 | 1 |
| 1 | -9 |
| 1 | 3 |

12)

| X | Y |
|-----|-----|
| -10 | 100 |
| -2 | 4 |
| 7 | 49 |
| 8 | 64 |
| 10 | 100 |

13)

| X | Y |
|-----|----|
| 4 | -2 |
| 4 | 2 |
| 9 | -3 |
| 36 | 6 |
| 100 | 10 |

14)

| X | Y |
|----|----|
| -6 | 0 |
| -5 | -5 |
| 4 | 9 |
| 7 | -5 |
| 9 | 2 |

15)

| X | Y |
|----|----|
| -4 | -4 |
| -3 | -3 |
| -2 | -2 |
| 0 | 0 |
| 10 | 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 |
|----|----|
| 9 | -3 |
| 16 | -4 |
| 16 | 4 |
| 49 | -7 |
| 81 | 9 |

2)

| X | Y |
|----|----|
| -1 | -1 |
| 2 | 2 |
| 5 | 5 |
| 6 | 6 |
| 10 | 10 |

3)

| X | Y |
|----|-----|
| -8 | 2 |
| -7 | -9 |
| -2 | -8 |
| 0 | -10 |
| 8 | -9 |

4)

| X | Y |
|-----|-----|
| -10 | 8 |
| 1 | -10 |
| 5 | 1 |
| 8 | 5 |
| 8 | 8 |

5)

| X | Y |
|----|-----|
| -9 | -10 |
| -9 | -7 |
| -8 | 0 |
| 0 | -8 |
| 1 | 1 |

6)

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

7)

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

8)

| X | Y |
|----|----|
| -9 | 81 |
| -6 | 36 |
| -3 | 9 |
| 6 | 36 |
| 7 | 49 |

9)

| X | Y |
|----|----|
| 25 | 5 |
| 36 | 6 |
| 49 | 7 |
| 64 | -8 |
| 64 | 8 |

10)

| X | Y |
|----|----|
| -6 | -7 |
| -2 | -5 |
| 0 | 5 |
| 2 | -5 |
| 7 | -3 |

11)

| X | Y |
|----|----|
| -9 | 0 |
| -2 | -2 |
| 0 | 1 |
| 1 | -9 |
| 1 | 3 |

12)

| X | Y |
|-----|-----|
| -10 | 100 |
| -2 | 4 |
| 7 | 49 |
| 8 | 64 |
| 10 | 100 |

13)

| X | Y |
|-----|----|
| 4 | -2 |
| 4 | 2 |
| 9 | -3 |
| 36 | 6 |
| 100 | 10 |

14)

| X | Y |
|----|----|
| -6 | 0 |
| -5 | -5 |
| 4 | 9 |
| 7 | -5 |
| 9 | 2 |

15)

| X | Y |
|----|----|
| -4 | -4 |
| -3 | -3 |
| -2 | -2 |
| 0 | 0 |
| 10 | 10 |

Answers

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



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 |
|----|----|
| -7 | -1 |
| -5 | 1 |
| -2 | 4 |
| 3 | 9 |
| 5 | 11 |

2)

| X | Y |
|----|----|
| -7 | 49 |
| -2 | 4 |
| 2 | 4 |
| 5 | 25 |
| 8 | 64 |

3)

| X | Y |
|----|----|
| -8 | 64 |
| -7 | 49 |
| -5 | 25 |
| -2 | 4 |
| 5 | 25 |

4)

| X | Y |
|-----|-----|
| 16 | -4 |
| 64 | -8 |
| 64 | 8 |
| 81 | 9 |
| 100 | -10 |

5)

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

6)

| X | Y |
|-----|-----|
| -10 | -16 |
| -5 | -11 |
| -4 | -10 |
| 0 | -6 |
| 5 | -1 |

7)

| X | Y |
|----|----|
| -8 | 9 |
| -6 | -3 |
| -4 | -6 |
| 6 | -3 |
| 7 | 8 |

8)

| X | Y |
|-----|-----|
| -10 | 100 |
| -9 | 81 |
| -7 | 49 |
| 2 | 4 |
| 7 | 49 |

9)

| X | Y |
|----|----|
| -3 | 7 |
| 2 | 5 |
| 5 | 8 |
| 6 | 5 |
| 7 | 10 |

10)

| X | Y |
|-----|----|
| -10 | 6 |
| -6 | -8 |
| -6 | 6 |
| -5 | -5 |
| 6 | -6 |

11)

| X | Y |
|----|----|
| -9 | 10 |
| -6 | -3 |
| -5 | -7 |
| -4 | 10 |
| 3 | 5 |

12)

| X | Y |
|----|----|
| 9 | -3 |
| 9 | 3 |
| 36 | -6 |
| 49 | -7 |
| 81 | 9 |

13)

| X | Y |
|-----|-----|
| -10 | 4 |
| -3 | -5 |
| 4 | -10 |
| 4 | 3 |
| 6 | 6 |

14)

| X | Y |
|-----|-----|
| -10 | 100 |
| -2 | 4 |
| 6 | 36 |
| 9 | 81 |
| 10 | 100 |

15)

| X | Y |
|----|----|
| 9 | -3 |
| 9 | 3 |
| 25 | 5 |
| 36 | 6 |
| 64 | 8 |

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 |
|----|----|
| -7 | -1 |
| -5 | 1 |
| -2 | 4 |
| 3 | 9 |
| 5 | 11 |

2)

| X | Y |
|----|----|
| -7 | 49 |
| -2 | 4 |
| 2 | 4 |
| 5 | 25 |
| 8 | 64 |

3)

| X | Y |
|----|----|
| -8 | 64 |
| -7 | 49 |
| -5 | 25 |
| -2 | 4 |
| 5 | 25 |

4)

| X | Y |
|-----|-----|
| 16 | -4 |
| 64 | -8 |
| 64 | 8 |
| 81 | 9 |
| 100 | -10 |

5)

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

6)

| X | Y |
|-----|-----|
| -10 | -16 |
| -5 | -11 |
| -4 | -10 |
| 0 | -6 |
| 5 | -1 |

7)

| X | Y |
|----|----|
| -8 | 9 |
| -6 | -3 |
| -4 | -6 |
| 6 | -3 |
| 7 | 8 |

8)

| X | Y |
|-----|-----|
| -10 | 100 |
| -9 | 81 |
| -7 | 49 |
| 2 | 4 |
| 7 | 49 |

9)

| X | Y |
|----|----|
| -3 | 7 |
| 2 | 5 |
| 5 | 8 |
| 6 | 5 |
| 7 | 10 |

10)

| X | Y |
|-----|----|
| -10 | 6 |
| -6 | -8 |
| -6 | 6 |
| -5 | -5 |
| 6 | -6 |

11)

| X | Y |
|----|----|
| -9 | 10 |
| -6 | -3 |
| -5 | -7 |
| -4 | 10 |
| 3 | 5 |

12)

| X | Y |
|----|----|
| 9 | -3 |
| 9 | 3 |
| 36 | -6 |
| 49 | -7 |
| 81 | 9 |

13)

| X | Y |
|-----|-----|
| -10 | 4 |
| -3 | -5 |
| 4 | -10 |
| 4 | 3 |
| 6 | 6 |

14)

| X | Y |
|-----|-----|
| -10 | 100 |
| -2 | 4 |
| 6 | 36 |
| 9 | 81 |
| 10 | 100 |

15)

| X | Y |
|----|----|
| 9 | -3 |
| 9 | 3 |
| 25 | 5 |
| 36 | 6 |
| 64 | 8 |

Answers

1. yes

2. yes

3. yes

4. no

5. no

6. yes

7. yes

8. yes

9. yes

10. no

11. yes

12. no

13. no

14. yes

15. no



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. _____



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 |
|----|----|
| -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



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



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 | 6 |
| -7 | 5 |
| 3 | -10 |
| 7 | 3 |
| 8 | 6 |

2)

| X | Y |
|----|----|
| -8 | 6 |
| -4 | -1 |
| -1 | 10 |
| 2 | -9 |
| 10 | 10 |

3)

| X | Y |
|----|----|
| -6 | 36 |
| -5 | 25 |
| -2 | 4 |
| 4 | 16 |
| 5 | 25 |

4)

| X | Y |
|----|----|
| -2 | 8 |
| -1 | 8 |
| 2 | 4 |
| 8 | -8 |
| 9 | -1 |

5)

| X | Y |
|-----|-----|
| -10 | -7 |
| -7 | -10 |
| -5 | -3 |
| -3 | -5 |
| -3 | 10 |

6)

| X | Y |
|-----|-----|
| 4 | -2 |
| 36 | -6 |
| 64 | 8 |
| 100 | -10 |
| 100 | 10 |

7)

| X | Y |
|----|----|
| 4 | -2 |
| 4 | 2 |
| 9 | 3 |
| 16 | -4 |
| 25 | 5 |

8)

| X | Y |
|-----|-----|
| -80 | -10 |
| -72 | -9 |
| -8 | -1 |
| 16 | 2 |
| 56 | 7 |

9)

| X | Y |
|-----|-----|
| -10 | 5 |
| -10 | 8 |
| -1 | 4 |
| 4 | -10 |
| 5 | 9 |

10)

| X | Y |
|-----|----|
| -10 | 6 |
| -9 | 3 |
| -9 | 6 |
| 3 | -3 |
| 6 | -9 |

11)

| X | Y |
|----|----|
| -9 | 81 |
| -7 | 49 |
| -2 | 4 |
| 2 | 4 |
| 5 | 25 |

12)

| X | Y |
|----|----|
| -9 | -5 |
| -6 | -2 |
| -3 | 1 |
| -2 | 2 |
| 3 | 7 |

13)

| X | Y |
|----|-----|
| -8 | -24 |
| -7 | -21 |
| -2 | -6 |
| 7 | 21 |
| 8 | 24 |

14)

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

15)

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

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 | 6 |
| -7 | 5 |
| 3 | -10 |
| 7 | 3 |
| 8 | 6 |

2)

| X | Y |
|----|----|
| -8 | 6 |
| -4 | -1 |
| -1 | 10 |
| 2 | -9 |
| 10 | 10 |

3)

| X | Y |
|----|----|
| -6 | 36 |
| -5 | 25 |
| -2 | 4 |
| 4 | 16 |
| 5 | 25 |

4)

| X | Y |
|----|----|
| -2 | 8 |
| -1 | 8 |
| 2 | 4 |
| 8 | -8 |
| 9 | -1 |

5)

| X | Y |
|-----|-----|
| -10 | -7 |
| -7 | -10 |
| -5 | -3 |
| -3 | -5 |
| -3 | 10 |

6)

| X | Y |
|-----|-----|
| 4 | -2 |
| 36 | -6 |
| 64 | 8 |
| 100 | -10 |
| 100 | 10 |

7)

| X | Y |
|----|----|
| 4 | -2 |
| 4 | 2 |
| 9 | 3 |
| 16 | -4 |
| 25 | 5 |

8)

| X | Y |
|-----|-----|
| -80 | -10 |
| -72 | -9 |
| -8 | -1 |
| 16 | 2 |
| 56 | 7 |

9)

| X | Y |
|-----|-----|
| -10 | 5 |
| -10 | 8 |
| -1 | 4 |
| 4 | -10 |
| 5 | 9 |

10)

| X | Y |
|-----|----|
| -10 | 6 |
| -9 | 3 |
| -9 | 6 |
| 3 | -3 |
| 6 | -9 |

11)

| X | Y |
|----|----|
| -9 | 81 |
| -7 | 49 |
| -2 | 4 |
| 2 | 4 |
| 5 | 25 |

12)

| X | Y |
|----|----|
| -9 | -5 |
| -6 | -2 |
| -3 | 1 |
| -2 | 2 |
| 3 | 7 |

13)

| X | Y |
|----|-----|
| -8 | -24 |
| -7 | -21 |
| -2 | -6 |
| 7 | 21 |
| 8 | 24 |

14)

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

15)

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

Answers

1. yes

2. yes

3. yes

4. yes

5. no

6. no

7. no

8. yes

9. no

10. no

11. yes

12. yes

13. yes

14. yes

15. no



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 |
|-----|----|
| 20 | -5 |
| -20 | 5 |
| -24 | 6 |
| -28 | 7 |
| -40 | 10 |

2)

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

3)

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

4)

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

5)

| X | Y |
|-----|-----|
| 16 | 4 |
| 36 | 6 |
| 64 | -8 |
| 64 | 8 |
| 100 | -10 |

6)

| X | Y |
|-----|----|
| -10 | -9 |
| -7 | -6 |
| -3 | -2 |
| 6 | 7 |
| 8 | 9 |

7)

| X | Y |
|----|-----|
| -7 | 49 |
| 6 | 36 |
| 7 | 49 |
| 9 | 81 |
| 10 | 100 |

8)

| X | Y |
|-----|-----|
| -10 | -10 |
| -7 | -7 |
| -7 | -1 |
| -3 | -3 |
| 1 | 1 |

9)

| X | Y |
|----|-----|
| -9 | 81 |
| -4 | 16 |
| 4 | 16 |
| 8 | 64 |
| 10 | 100 |

10)

| X | Y |
|----|----|
| -5 | -5 |
| 1 | 1 |
| 4 | 4 |
| 7 | 7 |
| 9 | 9 |

11)

| X | Y |
|----|----|
| -4 | -8 |
| 2 | -8 |
| 2 | 10 |
| 9 | 9 |
| 10 | -4 |

12)

| X | Y |
|----|----|
| -4 | -3 |
| -4 | 1 |
| 6 | 10 |
| 9 | 9 |
| 10 | -4 |

13)

| X | Y |
|----|----|
| -5 | 1 |
| -2 | 9 |
| 0 | -7 |
| 2 | 1 |
| 3 | -6 |

14)

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

15)

| X | Y |
|----|----|
| -6 | 7 |
| -4 | -3 |
| -3 | 9 |
| 7 | 4 |
| 8 | 4 |

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 |
|-----|----|
| 20 | -5 |
| -20 | 5 |
| -24 | 6 |
| -28 | 7 |
| -40 | 10 |

2)

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

3)

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

4)

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

5)

| X | Y |
|-----|-----|
| 16 | 4 |
| 36 | 6 |
| 64 | -8 |
| 64 | 8 |
| 100 | -10 |

6)

| X | Y |
|-----|----|
| -10 | -9 |
| -7 | -6 |
| -3 | -2 |
| 6 | 7 |
| 8 | 9 |

7)

| X | Y |
|----|-----|
| -7 | 49 |
| 6 | 36 |
| 7 | 49 |
| 9 | 81 |
| 10 | 100 |

8)

| X | Y |
|-----|-----|
| -10 | -10 |
| -7 | -7 |
| -7 | -1 |
| -3 | -3 |
| 1 | 1 |

9)

| X | Y |
|----|-----|
| -9 | 81 |
| -4 | 16 |
| 4 | 16 |
| 8 | 64 |
| 10 | 100 |

10)

| X | Y |
|----|----|
| -5 | -5 |
| 1 | 1 |
| 4 | 4 |
| 7 | 7 |
| 9 | 9 |

11)

| X | Y |
|----|----|
| -4 | -8 |
| 2 | -8 |
| 2 | 10 |
| 9 | 9 |
| 10 | -4 |

12)

| X | Y |
|----|----|
| -4 | -3 |
| -4 | 1 |
| 6 | 10 |
| 9 | 9 |
| 10 | -4 |

13)

| X | Y |
|----|----|
| -5 | 1 |
| -2 | 9 |
| 0 | -7 |
| 2 | 1 |
| 3 | -6 |

14)

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

15)

| X | Y |
|----|----|
| -6 | 7 |
| -4 | -3 |
| -3 | 9 |
| 7 | 4 |
| 8 | 4 |

Answers

1. yes

2. no

3. yes

4. no

5. no

6. yes

7. yes

8. no

9. yes

10. yes

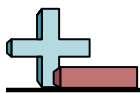
11. no

12. no

13. yes

14. yes

15. yes



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 | -11 |
| -1 | -2 |
| 2 | 1 |
| 7 | 6 |
| 9 | 8 |

2)

| X | Y |
|----|----|
| 9 | -3 |
| 16 | 4 |
| 49 | -7 |
| 64 | -8 |
| 64 | 8 |

3)

| X | Y |
|----|----|
| 4 | -2 |
| 36 | -6 |
| 36 | 6 |
| 49 | 7 |
| 81 | -9 |

4)

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

5)

| X | Y |
|----|----|
| -2 | 0 |
| 0 | 2 |
| 5 | 7 |
| 6 | 8 |
| 8 | 10 |

6)

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

7)

| X | Y |
|----|----|
| -8 | -1 |
| -6 | 2 |
| -1 | 1 |
| 2 | -8 |
| 2 | 2 |

8)

| X | Y |
|----|----|
| -9 | 81 |
| -8 | 64 |
| 3 | 9 |
| 4 | 16 |
| 8 | 64 |

9)

| X | Y |
|----|----|
| 9 | -3 |
| 16 | 4 |
| 25 | -5 |
| 25 | 5 |
| 36 | 6 |

10)

| X | Y |
|----|----|
| -7 | -5 |
| -4 | -7 |
| 4 | -4 |
| 8 | 6 |
| 8 | 8 |

11)

| X | Y |
|----|-----|
| -4 | 16 |
| 4 | 16 |
| 8 | 64 |
| 9 | 81 |
| 10 | 100 |

12)

| X | Y |
|----|----|
| -6 | -2 |
| -3 | -2 |
| 0 | 1 |
| 3 | -1 |
| 7 | 7 |

13)

| X | Y |
|----|----|
| 4 | -2 |
| 9 | -3 |
| 9 | 3 |
| 49 | 7 |
| 81 | 9 |

14)

| X | Y |
|----|----|
| -5 | 25 |
| 2 | 4 |
| 5 | 25 |
| 8 | 64 |
| 9 | 81 |

15)

| X | Y |
|----|----|
| -1 | 4 |
| 4 | 8 |
| 5 | 8 |
| 9 | 1 |
| 10 | -6 |

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 | -11 |
| -1 | -2 |
| 2 | 1 |
| 7 | 6 |
| 9 | 8 |

2)

| X | Y |
|----|----|
| 9 | -3 |
| 16 | 4 |
| 49 | -7 |
| 64 | -8 |
| 64 | 8 |

3)

| X | Y |
|----|----|
| 4 | -2 |
| 36 | -6 |
| 36 | 6 |
| 49 | 7 |
| 81 | -9 |

4)

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

5)

| X | Y |
|----|----|
| -2 | 0 |
| 0 | 2 |
| 5 | 7 |
| 6 | 8 |
| 8 | 10 |

6)

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

7)

| X | Y |
|----|----|
| -8 | -1 |
| -6 | 2 |
| -1 | 1 |
| 2 | -8 |
| 2 | 2 |

8)

| X | Y |
|----|----|
| -9 | 81 |
| -8 | 64 |
| 3 | 9 |
| 4 | 16 |
| 8 | 64 |

9)

| X | Y |
|----|----|
| 9 | -3 |
| 16 | 4 |
| 25 | -5 |
| 25 | 5 |
| 36 | 6 |

10)

| X | Y |
|----|----|
| -7 | -5 |
| -4 | -7 |
| 4 | -4 |
| 8 | 6 |
| 8 | 8 |

11)

| X | Y |
|----|-----|
| -4 | 16 |
| 4 | 16 |
| 8 | 64 |
| 9 | 81 |
| 10 | 100 |

12)

| X | Y |
|----|----|
| -6 | -2 |
| -3 | -2 |
| 0 | 1 |
| 3 | -1 |
| 7 | 7 |

13)

| X | Y |
|----|----|
| 4 | -2 |
| 9 | -3 |
| 9 | 3 |
| 49 | 7 |
| 81 | 9 |

14)

| X | Y |
|----|----|
| -5 | 25 |
| 2 | 4 |
| 5 | 25 |
| 8 | 64 |
| 9 | 81 |

15)

| X | Y |
|----|----|
| -1 | 4 |
| 4 | 8 |
| 5 | 8 |
| 9 | 1 |
| 10 | -6 |

Answers

1. yes

2. no

3. no

4. no

5. yes

6. yes

7. no

8. yes

9. no

10. no

11. yes

12. yes

13. no

14. yes

15. yes



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. _____



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 |
|----|----|
| -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



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 | -9 |
| -5 | 2 |
| -4 | -8 |
| 3 | -8 |
| 4 | 9 |

2)

| X | Y |
|----|----|
| -1 | -2 |
| 1 | 0 |
| 2 | 1 |
| 4 | 3 |
| 7 | 6 |

3)

| X | Y |
|-----|-----|
| -10 | 100 |
| -7 | 49 |
| 2 | 4 |
| 3 | 9 |
| 10 | 100 |

4)

| X | Y |
|----|----|
| 4 | -2 |
| 25 | -5 |
| 25 | 5 |
| 49 | -7 |
| 64 | -8 |

5)

| X | Y |
|----|----|
| -8 | 0 |
| -1 | 2 |
| 1 | 0 |
| 6 | -9 |
| 9 | 1 |

6)

| X | Y |
|-----|----|
| -10 | -5 |
| -3 | 2 |
| 5 | 10 |
| 7 | 12 |
| 10 | 15 |

7)

| X | Y |
|-----|-----|
| -10 | 100 |
| -6 | 36 |
| -2 | 4 |
| 4 | 16 |
| 6 | 36 |

8)

| X | Y |
|----|-----|
| -8 | -1 |
| -1 | -10 |
| -1 | -8 |
| 5 | 0 |
| 6 | 6 |

9)

| X | Y |
|----|----|
| -8 | -2 |
| 4 | -1 |
| 5 | 7 |
| 6 | -4 |
| 10 | -1 |

10)

| X | Y |
|-----|----|
| -56 | -8 |
| -14 | -2 |
| 28 | 4 |
| 63 | 9 |
| 70 | 10 |

11)

| X | Y |
|-----|----|
| -12 | -6 |
| -10 | -5 |
| 2 | 1 |
| 16 | 8 |
| 20 | 10 |

12)

| X | Y |
|----|----|
| 9 | 3 |
| 25 | 5 |
| 36 | -6 |
| 36 | 6 |
| 49 | -7 |

13)

| X | Y |
|----|----|
| -6 | -4 |
| -4 | -6 |
| -4 | 9 |
| -3 | 3 |
| 9 | 9 |

14)

| X | Y |
|----|----|
| -7 | 49 |
| -6 | 36 |
| -3 | 9 |
| 7 | 49 |
| 8 | 64 |

15)

| X | Y |
|-----|-----|
| -10 | 6 |
| -10 | 7 |
| -9 | -7 |
| 7 | -10 |
| 8 | -9 |

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 |
|----|----|
| -6 | -9 |
| -5 | 2 |
| -4 | -8 |
| 3 | -8 |
| 4 | 9 |

2)

| X | Y |
|----|----|
| -1 | -2 |
| 1 | 0 |
| 2 | 1 |
| 4 | 3 |
| 7 | 6 |

3)

| X | Y |
|-----|-----|
| -10 | 100 |
| -7 | 49 |
| 2 | 4 |
| 3 | 9 |
| 10 | 100 |

4)

| X | Y |
|----|----|
| 4 | -2 |
| 25 | -5 |
| 25 | 5 |
| 49 | -7 |
| 64 | -8 |

5)

| X | Y |
|----|----|
| -8 | 0 |
| -1 | 2 |
| 1 | 0 |
| 6 | -9 |
| 9 | 1 |

6)

| X | Y |
|-----|----|
| -10 | -5 |
| -3 | 2 |
| 5 | 10 |
| 7 | 12 |
| 10 | 15 |

7)

| X | Y |
|-----|-----|
| -10 | 100 |
| -6 | 36 |
| -2 | 4 |
| 4 | 16 |
| 6 | 36 |

8)

| X | Y |
|----|-----|
| -8 | -1 |
| -1 | -10 |
| -1 | -8 |
| 5 | 0 |
| 6 | 6 |

9)

| X | Y |
|----|----|
| -8 | -2 |
| 4 | -1 |
| 5 | 7 |
| 6 | -4 |
| 10 | -1 |

10)

| X | Y |
|-----|----|
| -56 | -8 |
| -14 | -2 |
| 28 | 4 |
| 63 | 9 |
| 70 | 10 |

11)

| X | Y |
|-----|----|
| -12 | -6 |
| -10 | -5 |
| 2 | 1 |
| 16 | 8 |
| 20 | 10 |

12)

| X | Y |
|----|----|
| 9 | 3 |
| 25 | 5 |
| 36 | -6 |
| 36 | 6 |
| 49 | -7 |

13)

| X | Y |
|----|----|
| -6 | -4 |
| -4 | -6 |
| -4 | 9 |
| -3 | 3 |
| 9 | 9 |

14)

| X | Y |
|----|----|
| -7 | 49 |
| -6 | 36 |
| -3 | 9 |
| 7 | 49 |
| 8 | 64 |

15)

| X | Y |
|-----|-----|
| -10 | 6 |
| -10 | 7 |
| -9 | -7 |
| 7 | -10 |
| 8 | -9 |

Answers

1. yes

2. yes

3. yes

4. no

5. yes

6. yes

7. yes

8. no

9. yes

10. yes

11. yes

12. no

13. no

14. yes

15. no