



Determine if the values in the table are proportional (yes) or not (no).

1)

| X | Y |
|-----|----|
| 1 | 1 |
| 16 | 4 |
| 25 | 5 |
| 100 | 10 |

2)

| X | Y |
|-----|----|
| -16 | -8 |
| -14 | -7 |
| -12 | -6 |
| -4 | -2 |

3)

| X | Y |
|----|----|
| 7 | 3 |
| 21 | 9 |
| 56 | 24 |
| 70 | 30 |

4)

| X | Y |
|----|----|
| -5 | -4 |
| -6 | -3 |
| -7 | -2 |
| -8 | -1 |

5)

| X | Y |
|---|---|
| 2 | 1 |
| 3 | 2 |
| 4 | 3 |
| 5 | 4 |

6)

| X | Y |
|----|----|
| 72 | -8 |
| 54 | -6 |
| 27 | -3 |
| 9 | -1 |

7)

| X | Y |
|----|---|
| 30 | 5 |
| 36 | 6 |
| 56 | 7 |
| 72 | 9 |

8)

| X | Y |
|----|---|
| 8 | 4 |
| 9 | 5 |
| 10 | 6 |
| 11 | 7 |

9)

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

10)

| X | Y |
|----|----|
| 1 | 2 |
| 6 | 12 |
| 9 | 18 |
| 10 | 20 |

11)

| X | Y |
|-----|----|
| -24 | 20 |
| -18 | 15 |
| -12 | 10 |
| -6 | 5 |

12)

| X | Y |
|----|-----|
| 70 | -10 |
| 42 | -6 |
| 35 | -5 |
| 14 | -2 |

Answers

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



Determine if the values in the table are proportional (yes) or not (no).

1)

| X | Y | |
|-----|----|-------|
| 1 | 1 | 1.00 |
| 16 | 4 | 4.00 |
| 25 | 5 | 5.00 |
| 100 | 10 | 10.00 |

2)

| X | Y | |
|-----|----|------|
| -16 | -8 | 2.00 |
| -14 | -7 | 2.00 |
| -12 | -6 | 2.00 |
| -4 | -2 | 2.00 |

3)

| X | Y | |
|----|----|------|
| 7 | 3 | 0.43 |
| 21 | 9 | 0.43 |
| 56 | 24 | 0.43 |
| 70 | 30 | 0.43 |

4)

| X | Y | |
|----|----|------|
| -5 | -4 | 1.25 |
| -6 | -3 | 2.00 |
| -7 | -2 | 3.50 |
| -8 | -1 | 8.00 |

5)

| X | Y | |
|---|---|------|
| 2 | 1 | 0.50 |
| 3 | 2 | 0.67 |
| 4 | 3 | 0.75 |
| 5 | 4 | 0.80 |

6)

| X | Y | |
|----|----|-------|
| 72 | -8 | -9.00 |
| 54 | -6 | -9.00 |
| 27 | -3 | -9.00 |
| 9 | -1 | -9.00 |

7)

| X | Y | |
|----|---|------|
| 30 | 5 | 6.00 |
| 36 | 6 | 6.00 |
| 56 | 7 | 8.00 |
| 72 | 9 | 8.00 |

8)

| X | Y | |
|----|---|------|
| 8 | 4 | 2.00 |
| 9 | 5 | 1.80 |
| 10 | 6 | 1.67 |
| 11 | 7 | 1.57 |

9)

| X | Y | |
|----|----|------|
| -6 | -7 | 1.17 |
| -5 | -6 | 1.20 |
| -4 | -5 | 1.25 |
| -3 | -4 | 1.33 |

10)

| X | Y | |
|----|----|------|
| 1 | 2 | 2.00 |
| 6 | 12 | 2.00 |
| 9 | 18 | 2.00 |
| 10 | 20 | 2.00 |

11)

| X | Y | |
|-----|----|-------|
| -24 | 20 | -0.83 |
| -18 | 15 | -0.83 |
| -12 | 10 | -0.83 |
| -6 | 5 | -0.83 |

12)

| X | Y | |
|----|-----|-------|
| 70 | -10 | -7.00 |
| 42 | -6 | -7.00 |
| 35 | -5 | -7.00 |
| 14 | -2 | -7.00 |

Answers

1. no

2. yes

3. yes

4. no

5. no

6. yes

7. no

8. no

9. no

10. yes

11. yes

12. yes