



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

1)

| X | Y |
|----|----|
| 11 | 7 |
| 12 | 8 |
| 13 | 9 |
| 14 | 10 |

2)

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

3)

| X | Y |
|-----|----|
| -28 | -8 |
| -21 | -6 |
| -14 | -4 |
| -7 | -2 |

4)

| X | Y |
|-----|----|
| 1 | 1 |
| 9 | 3 |
| 64 | 8 |
| 100 | 10 |

5)

| X | Y |
|----|----|
| -9 | 18 |
| -8 | 16 |
| -5 | 10 |
| -4 | 8 |

6)

| X | Y |
|----|----|
| 18 | 2 |
| 27 | 3 |
| 48 | 6 |
| 80 | 10 |

7)

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

8)

| X | Y |
|----|----|
| 36 | -9 |
| 28 | -7 |
| 24 | -6 |
| 4 | -1 |

9)

| X | Y |
|----|----|
| 20 | 45 |
| 32 | 72 |
| 36 | 81 |
| 40 | 90 |

10)

| X | Y |
|----|----|
| 1 | 6 |
| 4 | 24 |
| 6 | 36 |
| 10 | 60 |

11)

| X | Y |
|----|----|
| -9 | -6 |
| -8 | -5 |
| -7 | -4 |
| -6 | -3 |

12)

| X | Y |
|----|----|
| -4 | -6 |
| -3 | -7 |
| -2 | -8 |
| -1 | -9 |

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 | |
|----|----|------|
| 11 | 7 | 1.57 |
| 12 | 8 | 1.50 |
| 13 | 9 | 1.44 |
| 14 | 10 | 1.40 |

2)

| X | Y | |
|---|----|-------|
| 4 | -5 | -1.25 |
| 5 | -4 | -0.80 |
| 6 | -3 | -0.50 |
| 7 | -2 | -0.29 |

3)

| X | Y | |
|-----|----|------|
| -28 | -8 | 0.29 |
| -21 | -6 | 0.29 |
| -14 | -4 | 0.29 |
| -7 | -2 | 0.29 |

4)

| X | Y | |
|-----|----|-------|
| 1 | 1 | 1.00 |
| 9 | 3 | 3.00 |
| 64 | 8 | 8.00 |
| 100 | 10 | 10.00 |

5)

| X | Y | |
|----|----|-------|
| -9 | 18 | -2.00 |
| -8 | 16 | -2.00 |
| -5 | 10 | -2.00 |
| -4 | 8 | -2.00 |

6)

| X | Y | |
|----|----|------|
| 18 | 2 | 9.00 |
| 27 | 3 | 9.00 |
| 48 | 6 | 8.00 |
| 80 | 10 | 8.00 |

7)

| X | Y | |
|----|----|-------|
| 1 | -4 | -0.25 |
| 0 | -3 | 0.00 |
| -1 | -2 | 0.50 |
| -2 | -1 | 2.00 |

8)

| X | Y | |
|----|----|-------|
| 36 | -9 | -4.00 |
| 28 | -7 | -4.00 |
| 24 | -6 | -4.00 |
| 4 | -1 | -4.00 |

9)

| X | Y | |
|----|----|------|
| 20 | 45 | 0.44 |
| 32 | 72 | 0.44 |
| 36 | 81 | 0.44 |
| 40 | 90 | 0.44 |

10)

| X | Y | |
|----|----|------|
| 1 | 6 | 6.00 |
| 4 | 24 | 6.00 |
| 6 | 36 | 6.00 |
| 10 | 60 | 6.00 |

11)

| X | Y | |
|----|----|------|
| -9 | -6 | 1.50 |
| -8 | -5 | 1.60 |
| -7 | -4 | 1.75 |
| -6 | -3 | 2.00 |

12)

| X | Y | |
|----|----|------|
| -4 | -6 | 1.50 |
| -3 | -7 | 2.33 |
| -2 | -8 | 4.00 |
| -1 | -9 | 9.00 |

Answers

1. **no**

2. **no**

3. **yes**

4. **no**

5. **yes**

6. **no**

7. **no**

8. **yes**

9. **yes**

10. **yes**

11. **no**

12. **no**