



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

1)

| X   | Y  |
|-----|----|
| -12 | -6 |
| -10 | -5 |
| -4  | -2 |
| -2  | -1 |

2)

| X  | Y  |
|----|----|
| 1  | 3  |
| 8  | 24 |
| 9  | 72 |
| 10 | 80 |

3)

| X | Y  |
|---|----|
| 5 | 12 |
| 6 | 13 |
| 7 | 14 |
| 8 | 15 |

4)

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

5)

| X  | Y   |
|----|-----|
| -9 | -16 |
| -8 | -15 |
| -7 | -14 |
| -6 | -13 |

6)

| X  | Y  |
|----|----|
| -8 | 32 |
| -7 | 28 |
| -4 | 16 |
| -3 | 12 |

7)

| X  | Y  |
|----|----|
| -8 | 24 |
| -6 | 18 |
| -4 | 12 |
| -2 | 6  |

8)

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

9)

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

10)

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

11)

| X   | Y   |
|-----|-----|
| 100 | -10 |
| 60  | -6  |
| 40  | -4  |
| 20  | -2  |

12)

| X  | Y  |
|----|----|
| 2  | 12 |
| 4  | 24 |
| 5  | 30 |
| 10 | 60 |

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  |      |
|-----|----|------|
| -12 | -6 | 2.00 |
| -10 | -5 | 2.00 |
| -4  | -2 | 2.00 |
| -2  | -1 | 2.00 |

2)

| X  | Y  |      |
|----|----|------|
| 1  | 3  | 3.00 |
| 8  | 24 | 3.00 |
| 9  | 72 | 8.00 |
| 10 | 80 | 8.00 |

3)

| X | Y  |      |
|---|----|------|
| 5 | 12 | 2.40 |
| 6 | 13 | 2.17 |
| 7 | 14 | 2.00 |
| 8 | 15 | 1.88 |

4)

| X  | Y   |       |
|----|-----|-------|
| 2  | 4   | 2.00  |
| 4  | 16  | 4.00  |
| 6  | 36  | 6.00  |
| 10 | 100 | 10.00 |

5)

| X  | Y   |      |
|----|-----|------|
| -9 | -16 | 1.78 |
| -8 | -15 | 1.88 |
| -7 | -14 | 2.00 |
| -6 | -13 | 2.17 |

6)

| X  | Y  |       |
|----|----|-------|
| -8 | 32 | -4.00 |
| -7 | 28 | -4.00 |
| -4 | 16 | -4.00 |
| -3 | 12 | -4.00 |

7)

| X  | Y  |       |
|----|----|-------|
| -8 | 24 | -3.00 |
| -6 | 18 | -3.00 |
| -4 | 12 | -3.00 |
| -2 | 6  | -3.00 |

8)

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

9)

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

10)

| X | Y |      |
|---|---|------|
| 5 | 2 | 0.40 |
| 6 | 3 | 0.50 |
| 7 | 4 | 0.57 |
| 8 | 5 | 0.63 |

11)

| X   | Y   |        |
|-----|-----|--------|
| 100 | -10 | -10.00 |
| 60  | -6  | -10.00 |
| 40  | -4  | -10.00 |
| 20  | -2  | -10.00 |

12)

| X  | Y  |      |
|----|----|------|
| 2  | 12 | 6.00 |
| 4  | 24 | 6.00 |
| 5  | 30 | 6.00 |
| 10 | 60 | 6.00 |

Answers

1. yes

2. no

3. no

4. no

5. no

6. yes

7. yes

8. no

9. no

10. no

11. yes

12. yes