



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

1)

| X  | Y   |
|----|-----|
| -8 | -56 |
| -5 | -35 |
| -4 | -28 |
| -2 | -14 |

2)

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

3)

| X  | Y |
|----|---|
| 10 | 4 |
| 11 | 5 |
| 12 | 6 |
| 13 | 7 |

4)

| X   | Y   |
|-----|-----|
| -28 | -32 |
| -21 | -24 |
| -14 | -16 |
| -7  | -8  |

5)

| X  | Y |
|----|---|
| 1  | 1 |
| 16 | 4 |
| 25 | 5 |
| 36 | 6 |

6)

| X  | Y |
|----|---|
| 7  | 3 |
| 8  | 4 |
| 9  | 5 |
| 10 | 6 |

7)

| X  | Y   |
|----|-----|
| -6 | -13 |
| -5 | -12 |
| -4 | -11 |
| -3 | -10 |

8)

| X  | Y  |
|----|----|
| 6  | 7  |
| 18 | 21 |
| 24 | 28 |
| 60 | 70 |

9)

| X  | Y  |
|----|----|
| 63 | -9 |
| 28 | -4 |
| 21 | -3 |
| 7  | -1 |

10)

| X   | Y  |
|-----|----|
| -36 | 40 |
| -27 | 30 |
| -18 | 20 |
| -9  | 10 |

11)

| X   | Y  |
|-----|----|
| -10 | 60 |
| -6  | 36 |
| -3  | 18 |
| -2  | 12 |

12)

| X  | Y  |
|----|----|
| 10 | 1  |
| 50 | 5  |
| 72 | 8  |
| 90 | 10 |

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   |      |
|----|-----|------|
| -8 | -56 | 7.00 |
| -5 | -35 | 7.00 |
| -4 | -28 | 7.00 |
| -2 | -14 | 7.00 |

2)

| X  | Y  |      |
|----|----|------|
| -4 | -1 | 0.25 |
| -3 | -2 | 0.67 |
| -2 | -3 | 1.50 |
| -1 | -4 | 4.00 |

3)

| X  | Y |      |
|----|---|------|
| 10 | 4 | 2.50 |
| 11 | 5 | 2.20 |
| 12 | 6 | 2.00 |
| 13 | 7 | 1.86 |

4)

| X   | Y   |      |
|-----|-----|------|
| -28 | -32 | 0.88 |
| -21 | -24 | 0.88 |
| -14 | -16 | 0.88 |
| -7  | -8  | 0.88 |

5)

| X  | Y |      |
|----|---|------|
| 1  | 1 | 1.00 |
| 16 | 4 | 4.00 |
| 25 | 5 | 5.00 |
| 36 | 6 | 6.00 |

6)

| X  | Y |      |
|----|---|------|
| 7  | 3 | 0.43 |
| 8  | 4 | 0.50 |
| 9  | 5 | 0.56 |
| 10 | 6 | 0.60 |

7)

| X  | Y   |      |
|----|-----|------|
| -6 | -13 | 2.17 |
| -5 | -12 | 2.40 |
| -4 | -11 | 2.75 |
| -3 | -10 | 3.33 |

8)

| X  | Y  |      |
|----|----|------|
| 6  | 7  | 1.17 |
| 18 | 21 | 1.17 |
| 24 | 28 | 1.17 |
| 60 | 70 | 1.17 |

9)

| X  | Y  |       |
|----|----|-------|
| 63 | -9 | -7.00 |
| 28 | -4 | -7.00 |
| 21 | -3 | -7.00 |
| 7  | -1 | -7.00 |

10)

| X   | Y  |       |
|-----|----|-------|
| -36 | 40 | -1.11 |
| -27 | 30 | -1.11 |
| -18 | 20 | -1.11 |
| -9  | 10 | -1.11 |

11)

| X   | Y  |       |
|-----|----|-------|
| -10 | 60 | -6.00 |
| -6  | 36 | -6.00 |
| -3  | 18 | -6.00 |
| -2  | 12 | -6.00 |

12)

| X  | Y  |       |
|----|----|-------|
| 10 | 1  | 10.00 |
| 50 | 5  | 10.00 |
| 72 | 8  | 9.00  |
| 90 | 10 | 9.00  |

Answers

1. yes

2. no

3. no

4. yes

5. no

6. no

7. no

8. yes

9. yes

10. yes

11. yes

12. no