



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

1)

| X | Y |
|----|---|
| 9 | 1 |
| 27 | 3 |
| 36 | 4 |
| 72 | 8 |

2)

| X | Y |
|----|----|
| 80 | -8 |
| 40 | -4 |
| 20 | -2 |
| 10 | -1 |

3)

| X | Y |
|----|----|
| 18 | 20 |
| 27 | 30 |
| 36 | 40 |
| 54 | 60 |

4)

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

5)

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

6)

| X | Y |
|-----|-----|
| -10 | -70 |
| -9 | -63 |
| -5 | -35 |
| -1 | -7 |

7)

| X | Y |
|-----|----|
| -10 | 20 |
| -5 | 10 |
| -4 | 8 |
| -3 | 6 |

8)

| X | Y |
|----|-----|
| -8 | -40 |
| -6 | -30 |
| -4 | -20 |
| -2 | -10 |

9)

| X | Y |
|----|-----|
| 32 | -24 |
| 24 | -18 |
| 16 | -12 |
| 8 | -6 |

10)

| X | Y |
|----|----|
| 5 | 30 |
| 6 | 36 |
| 9 | 36 |
| 10 | 40 |

11)

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

12)

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

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 | |
|----|---|------|
| 9 | 1 | 9.00 |
| 27 | 3 | 9.00 |
| 36 | 4 | 9.00 |
| 72 | 8 | 9.00 |

2)

| X | Y | |
|----|----|--------|
| 80 | -8 | -10.00 |
| 40 | -4 | -10.00 |
| 20 | -2 | -10.00 |
| 10 | -1 | -10.00 |

3)

| X | Y | |
|----|----|------|
| 18 | 20 | 0.90 |
| 27 | 30 | 0.90 |
| 36 | 40 | 0.90 |
| 54 | 60 | 0.90 |

4)

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

5)

| X | Y | |
|----|-----|------|
| -8 | -10 | 1.25 |
| -7 | -9 | 1.29 |
| -6 | -8 | 1.33 |
| -5 | -7 | 1.40 |

6)

| X | Y | |
|-----|-----|------|
| -10 | -70 | 7.00 |
| -9 | -63 | 7.00 |
| -5 | -35 | 7.00 |
| -1 | -7 | 7.00 |

7)

| X | Y | |
|-----|----|-------|
| -10 | 20 | -2.00 |
| -5 | 10 | -2.00 |
| -4 | 8 | -2.00 |
| -3 | 6 | -2.00 |

8)

| X | Y | |
|----|-----|------|
| -8 | -40 | 0.20 |
| -6 | -30 | 0.20 |
| -4 | -20 | 0.20 |
| -2 | -10 | 0.20 |

9)

| X | Y | |
|----|-----|-------|
| 32 | -24 | -1.33 |
| 24 | -18 | -1.33 |
| 16 | -12 | -1.33 |
| 8 | -6 | -1.33 |

10)

| X | Y | |
|----|----|------|
| 5 | 30 | 6.00 |
| 6 | 36 | 6.00 |
| 9 | 36 | 4.00 |
| 10 | 40 | 4.00 |

11)

| X | Y | |
|----|---|------|
| 9 | 3 | 3.00 |
| 16 | 4 | 4.00 |
| 49 | 7 | 7.00 |
| 64 | 8 | 8.00 |

12)

| X | Y | |
|---|---|------|
| 1 | 5 | 5.00 |
| 2 | 6 | 3.00 |
| 3 | 7 | 2.33 |
| 4 | 8 | 2.00 |

Answers

1. yes

2. yes

3. yes

4. no

5. no

6. yes

7. yes

8. yes

9. yes

10. no

11. no

12. no



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

Answers

1)

| X | Y |
|----|-----|
| -8 | -20 |
| -6 | -15 |
| -4 | -10 |
| -2 | -5 |

2)

| X | Y |
|----|---|
| 9 | 1 |
| 10 | 2 |
| 11 | 3 |
| 12 | 4 |

3)

| X | Y |
|-----|-----|
| -10 | -40 |
| -8 | -32 |
| -6 | -24 |
| -2 | -8 |

4)

| X | Y |
|----|----|
| 10 | 16 |
| 35 | 56 |
| 40 | 64 |
| 45 | 72 |

5)

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

6)

| X | Y |
|----|-----|
| -9 | -13 |
| -8 | -12 |
| -7 | -11 |
| -6 | -10 |

7)

| X | Y |
|----|-----|
| 50 | -10 |
| 45 | -9 |
| 25 | -5 |
| 5 | -1 |

8)

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

9)

| X | Y |
|---|---|
| 2 | 2 |
| 5 | 5 |
| 7 | 7 |
| 9 | 9 |

10)

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

11)

| X | Y |
|----|----|
| 27 | -9 |
| 24 | -8 |
| 15 | -5 |
| 3 | -1 |

12)

| X | Y |
|-----|----|
| 25 | 5 |
| 35 | 7 |
| 90 | 9 |
| 100 | 10 |

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 | -20 | 0.40 |
| -6 | -15 | 0.40 |
| -4 | -10 | 0.40 |
| -2 | -5 | 0.40 |

2)

| X | Y | |
|----|---|------|
| 9 | 1 | 9.00 |
| 10 | 2 | 5.00 |
| 11 | 3 | 3.67 |
| 12 | 4 | 3.00 |

3)

| X | Y | |
|-----|-----|------|
| -10 | -40 | 4.00 |
| -8 | -32 | 4.00 |
| -6 | -24 | 4.00 |
| -2 | -8 | 4.00 |

4)

| X | Y | |
|----|----|------|
| 10 | 16 | 1.60 |
| 35 | 56 | 1.60 |
| 40 | 64 | 1.60 |
| 45 | 72 | 1.60 |

5)

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

6)

| X | Y | |
|----|-----|------|
| -9 | -13 | 1.44 |
| -8 | -12 | 1.50 |
| -7 | -11 | 1.57 |
| -6 | -10 | 1.67 |

7)

| X | Y | |
|----|-----|-------|
| 50 | -10 | -5.00 |
| 45 | -9 | -5.00 |
| 25 | -5 | -5.00 |
| 5 | -1 | -5.00 |

8)

| X | Y | |
|----|----|-------|
| 2 | -4 | -0.50 |
| 1 | -3 | -0.33 |
| 0 | -2 | 0.00 |
| -1 | -1 | 1.00 |

9)

| X | Y | |
|---|---|------|
| 2 | 2 | 1.00 |
| 5 | 5 | 1.00 |
| 7 | 7 | 1.00 |
| 9 | 9 | 1.00 |

10)

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

11)

| X | Y | |
|----|----|-------|
| 27 | -9 | -3.00 |
| 24 | -8 | -3.00 |
| 15 | -5 | -3.00 |
| 3 | -1 | -3.00 |

12)

| X | Y | |
|-----|----|-------|
| 25 | 5 | 5.00 |
| 35 | 7 | 5.00 |
| 90 | 9 | 10.00 |
| 100 | 10 | 10.00 |

Answers

1. yes

2. no

3. yes

4. yes

5. no

6. no

7. yes

8. no

9. yes

10. yes

11. yes

12. no



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

1)

| X | Y |
|----|---|
| 7 | 1 |
| 14 | 2 |
| 18 | 3 |
| 24 | 4 |

2)

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

3)

| X | Y |
|----|-----|
| -9 | -12 |
| -8 | -11 |
| -7 | -10 |
| -6 | -9 |

4)

| X | Y |
|----|-----|
| 2 | 4 |
| 3 | 9 |
| 5 | 25 |
| 10 | 100 |

5)

| X | Y |
|----|----|
| 3 | 2 |
| 6 | 4 |
| 21 | 14 |
| 27 | 18 |

6)

| X | Y |
|-----|----|
| -10 | 20 |
| -3 | 6 |
| -2 | 4 |
| -1 | 2 |

7)

| X | Y |
|-----|----|
| -35 | -7 |
| -30 | -6 |
| -20 | -4 |
| -10 | -2 |

8)

| X | Y |
|-----|----|
| -40 | 24 |
| -30 | 18 |
| -20 | 12 |
| -10 | 6 |

9)

| X | Y |
|----|----|
| 1 | 9 |
| 4 | 36 |
| 5 | 45 |
| 10 | 90 |

10)

| X | Y |
|---|----|
| 5 | 11 |
| 6 | 12 |
| 7 | 13 |
| 8 | 14 |

11)

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

12)

| X | Y |
|-----|----|
| -10 | 90 |
| -5 | 45 |
| -2 | 18 |
| -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 | |
|----|---|------|
| 7 | 1 | 7.00 |
| 14 | 2 | 7.00 |
| 18 | 3 | 6.00 |
| 24 | 4 | 6.00 |

2)

| X | Y | |
|---|---|------|
| 4 | 2 | 0.50 |
| 5 | 3 | 0.60 |
| 6 | 4 | 0.67 |
| 7 | 5 | 0.71 |

3)

| X | Y | |
|----|-----|------|
| -9 | -12 | 1.33 |
| -8 | -11 | 1.38 |
| -7 | -10 | 1.43 |
| -6 | -9 | 1.50 |

4)

| X | Y | |
|----|-----|-------|
| 2 | 4 | 2.00 |
| 3 | 9 | 3.00 |
| 5 | 25 | 5.00 |
| 10 | 100 | 10.00 |

5)

| X | Y | |
|----|----|------|
| 3 | 2 | 1.50 |
| 6 | 4 | 1.50 |
| 21 | 14 | 1.50 |
| 27 | 18 | 1.50 |

6)

| X | Y | |
|-----|----|-------|
| -10 | 20 | -2.00 |
| -3 | 6 | -2.00 |
| -2 | 4 | -2.00 |
| -1 | 2 | -2.00 |

7)

| X | Y | |
|-----|----|------|
| -35 | -7 | 5.00 |
| -30 | -6 | 5.00 |
| -20 | -4 | 5.00 |
| -10 | -2 | 5.00 |

8)

| X | Y | |
|-----|----|-------|
| -40 | 24 | -0.60 |
| -30 | 18 | -0.60 |
| -20 | 12 | -0.60 |
| -10 | 6 | -0.60 |

9)

| X | Y | |
|----|----|------|
| 1 | 9 | 9.00 |
| 4 | 36 | 9.00 |
| 5 | 45 | 9.00 |
| 10 | 90 | 9.00 |

10)

| X | Y | |
|---|----|------|
| 5 | 11 | 2.20 |
| 6 | 12 | 2.00 |
| 7 | 13 | 1.86 |
| 8 | 14 | 1.75 |

11)

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

12)

| X | Y | |
|-----|----|-------|
| -10 | 90 | -9.00 |
| -5 | 45 | -9.00 |
| -2 | 18 | -9.00 |
| -1 | 9 | -9.00 |

Answers

1. no

2. no

3. no

4. no

5. yes

6. yes

7. yes

8. yes

9. yes

10. no

11. no

12. yes



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



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



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

1)

| X | Y |
|----|----|
| 10 | 16 |
| 40 | 64 |
| 45 | 72 |
| 50 | 80 |

2)

| X | Y |
|----|----|
| 27 | -9 |
| 21 | -7 |
| 15 | -5 |
| 12 | -4 |

3)

| X | Y |
|----|----|
| 63 | -9 |
| 56 | -8 |
| 28 | -4 |
| 21 | -3 |

4)

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

5)

| X | Y |
|-----|-----|
| -32 | -12 |
| -24 | -9 |
| -16 | -6 |
| -8 | -3 |

6)

| X | Y |
|----|-----|
| -4 | -12 |
| -3 | -11 |
| -2 | -10 |
| -1 | -9 |

7)

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

8)

| X | Y |
|----|----|
| 5 | 10 |
| 7 | 14 |
| 9 | 36 |
| 10 | 40 |

9)

| X | Y |
|----|----|
| 18 | 6 |
| 24 | 8 |
| 27 | 9 |
| 30 | 10 |

10)

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

11)

| X | Y |
|----|---|
| 9 | 1 |
| 10 | 2 |
| 11 | 3 |
| 12 | 4 |

12)

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

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 | |
|----|----|------|
| 10 | 16 | 1.60 |
| 40 | 64 | 1.60 |
| 45 | 72 | 1.60 |
| 50 | 80 | 1.60 |

2)

| X | Y | |
|----|----|-------|
| 27 | -9 | -3.00 |
| 21 | -7 | -3.00 |
| 15 | -5 | -3.00 |
| 12 | -4 | -3.00 |

3)

| X | Y | |
|----|----|-------|
| 63 | -9 | -7.00 |
| 56 | -8 | -7.00 |
| 28 | -4 | -7.00 |
| 21 | -3 | -7.00 |

4)

| X | Y | |
|----|----|-------|
| 2 | -4 | -0.50 |
| 1 | -3 | -0.33 |
| 0 | -2 | 0.00 |
| -1 | -1 | 1.00 |

5)

| X | Y | |
|-----|-----|------|
| -32 | -12 | 0.38 |
| -24 | -9 | 0.38 |
| -16 | -6 | 0.38 |
| -8 | -3 | 0.38 |

6)

| X | Y | |
|----|-----|------|
| -4 | -12 | 3.00 |
| -3 | -11 | 3.67 |
| -2 | -10 | 5.00 |
| -1 | -9 | 9.00 |

7)

| X | Y | |
|----|-----|-------|
| 32 | -28 | -1.14 |
| 24 | -21 | -1.14 |
| 16 | -14 | -1.14 |
| 8 | -7 | -1.14 |

8)

| X | Y | |
|----|----|------|
| 5 | 10 | 2.00 |
| 7 | 14 | 2.00 |
| 9 | 36 | 4.00 |
| 10 | 40 | 4.00 |

9)

| X | Y | |
|----|----|------|
| 18 | 6 | 3.00 |
| 24 | 8 | 3.00 |
| 27 | 9 | 3.00 |
| 30 | 10 | 3.00 |

10)

| X | Y | |
|----|---|-------|
| -5 | 1 | -5.00 |
| -4 | 2 | -2.00 |
| -3 | 3 | -1.00 |
| -2 | 4 | -0.50 |

11)

| X | Y | |
|----|---|------|
| 9 | 1 | 9.00 |
| 10 | 2 | 5.00 |
| 11 | 3 | 3.67 |
| 12 | 4 | 3.00 |

12)

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

Answers

1. yes

2. yes

3. yes

4. no

5. yes

6. no

7. yes

8. no

9. yes

10. no

11. no

12. no



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



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

Answers

1)

| X | Y |
|----|----|
| 72 | -8 |
| 36 | -4 |
| 27 | -3 |
| 9 | -1 |

2)

| X | Y |
|----|-----|
| -9 | -18 |
| -7 | -14 |
| -4 | -8 |
| -2 | -4 |

3)

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

4)

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

5)

| X | Y |
|----|----|
| 18 | -9 |
| 14 | -7 |
| 10 | -5 |
| 6 | -3 |

6)

| X | Y |
|----|---|
| 9 | 3 |
| 15 | 5 |
| 36 | 6 |
| 54 | 9 |

7)

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

8)

| X | Y |
|---|----|
| 1 | 2 |
| 4 | 8 |
| 5 | 10 |
| 7 | 14 |

9)

| X | Y |
|----|-----|
| 12 | -36 |
| 9 | -27 |
| 6 | -18 |
| 3 | -9 |

10)

| X | Y |
|-----|----|
| 9 | 3 |
| 25 | 5 |
| 36 | 6 |
| 100 | 10 |

11)

| X | Y |
|----|----|
| 8 | 9 |
| 24 | 27 |
| 32 | 36 |
| 48 | 54 |

12)

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

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 | |
|----|----|-------|
| 72 | -8 | -9.00 |
| 36 | -4 | -9.00 |
| 27 | -3 | -9.00 |
| 9 | -1 | -9.00 |

2)

| X | Y | |
|----|-----|------|
| -9 | -18 | 2.00 |
| -7 | -14 | 2.00 |
| -4 | -8 | 2.00 |
| -2 | -4 | 2.00 |

3)

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

4)

| X | Y | |
|----|----|------|
| -4 | 0 | 0.00 |
| -3 | -1 | 0.33 |
| -2 | -2 | 1.00 |
| -1 | -3 | 3.00 |

5)

| X | Y | |
|----|----|-------|
| 18 | -9 | -2.00 |
| 14 | -7 | -2.00 |
| 10 | -5 | -2.00 |
| 6 | -3 | -2.00 |

6)

| X | Y | |
|----|---|------|
| 9 | 3 | 3.00 |
| 15 | 5 | 3.00 |
| 36 | 6 | 6.00 |
| 54 | 9 | 6.00 |

7)

| X | Y | |
|----|----|------|
| -4 | 0 | 0.00 |
| -3 | -1 | 0.33 |
| -2 | -2 | 1.00 |
| -1 | -3 | 3.00 |

8)

| X | Y | |
|---|----|------|
| 1 | 2 | 2.00 |
| 4 | 8 | 2.00 |
| 5 | 10 | 2.00 |
| 7 | 14 | 2.00 |

9)

| X | Y | |
|----|-----|-------|
| 12 | -36 | -0.33 |
| 9 | -27 | -0.33 |
| 6 | -18 | -0.33 |
| 3 | -9 | -0.33 |

10)

| X | Y | |
|-----|----|-------|
| 9 | 3 | 3.00 |
| 25 | 5 | 5.00 |
| 36 | 6 | 6.00 |
| 100 | 10 | 10.00 |

11)

| X | Y | |
|----|----|------|
| 8 | 9 | 1.13 |
| 24 | 27 | 1.13 |
| 32 | 36 | 1.13 |
| 48 | 54 | 1.13 |

12)

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

Answers

1. yes

2. yes

3. no

4. no

5. yes

6. no

7. no

8. yes

9. yes

10. no

11. yes

12. no



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**



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

1)

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

2)

| X | Y |
|-----|----|
| -15 | -5 |
| -14 | -4 |
| -13 | -3 |
| -12 | -2 |

3)

| X | Y |
|-----|----|
| -10 | 90 |
| -7 | 63 |
| -3 | 27 |
| -2 | 18 |

4)

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

5)

| X | Y |
|---|----|
| 2 | 7 |
| 3 | 8 |
| 4 | 9 |
| 5 | 10 |

6)

| X | Y |
|---|----|
| 6 | 60 |
| 7 | 70 |
| 8 | 80 |
| 9 | 90 |

7)

| X | Y |
|-----|----|
| 1 | 1 |
| 9 | 3 |
| 36 | 6 |
| 100 | 10 |

8)

| X | Y |
|----|---|
| 6 | 2 |
| 9 | 3 |
| 30 | 6 |
| 45 | 9 |

9)

| X | Y |
|----|----|
| -9 | 81 |
| -5 | 45 |
| -4 | 36 |
| -1 | 9 |

10)

| X | Y |
|----|-----|
| -9 | -81 |
| -6 | -54 |
| -5 | -45 |
| -1 | -9 |

11)

| X | Y |
|-----|-----|
| -16 | -32 |
| -12 | -24 |
| -8 | -16 |
| -4 | -8 |

12)

| X | Y |
|----|----|
| 24 | 30 |
| 32 | 40 |
| 40 | 50 |
| 72 | 90 |

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 | |
|----|----|------|
| -4 | -2 | 0.50 |
| -3 | -3 | 1.00 |
| -2 | -4 | 2.00 |
| -1 | -5 | 5.00 |

2)

| X | Y | |
|-----|----|------|
| -15 | -5 | 3.00 |
| -14 | -4 | 3.50 |
| -13 | -3 | 4.33 |
| -12 | -2 | 6.00 |

3)

| X | Y | |
|-----|----|-------|
| -10 | 90 | -9.00 |
| -7 | 63 | -9.00 |
| -3 | 27 | -9.00 |
| -2 | 18 | -9.00 |

4)

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

5)

| X | Y | |
|---|----|------|
| 2 | 7 | 3.50 |
| 3 | 8 | 2.67 |
| 4 | 9 | 2.25 |
| 5 | 10 | 2.00 |

6)

| X | Y | |
|---|----|-------|
| 6 | 60 | 10.00 |
| 7 | 70 | 10.00 |
| 8 | 80 | 10.00 |
| 9 | 90 | 10.00 |

7)

| X | Y | |
|-----|----|-------|
| 1 | 1 | 1.00 |
| 9 | 3 | 3.00 |
| 36 | 6 | 6.00 |
| 100 | 10 | 10.00 |

8)

| X | Y | |
|----|---|------|
| 6 | 2 | 3.00 |
| 9 | 3 | 3.00 |
| 30 | 6 | 5.00 |
| 45 | 9 | 5.00 |

9)

| X | Y | |
|----|----|-------|
| -9 | 81 | -9.00 |
| -5 | 45 | -9.00 |
| -4 | 36 | -9.00 |
| -1 | 9 | -9.00 |

10)

| X | Y | |
|----|-----|------|
| -9 | -81 | 9.00 |
| -6 | -54 | 9.00 |
| -5 | -45 | 9.00 |
| -1 | -9 | 9.00 |

11)

| X | Y | |
|-----|-----|------|
| -16 | -32 | 2.00 |
| -12 | -24 | 2.00 |
| -8 | -16 | 2.00 |
| -4 | -8 | 2.00 |

12)

| X | Y | |
|----|----|------|
| 24 | 30 | 0.80 |
| 32 | 40 | 0.80 |
| 40 | 50 | 0.80 |
| 72 | 90 | 0.80 |

Answers

1. no

2. no

3. yes

4. no

5. no

6. yes

7. no

8. no

9. yes

10. yes

11. yes

12. yes