



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**