

## Zadanie Pochodzi z Codegorges:

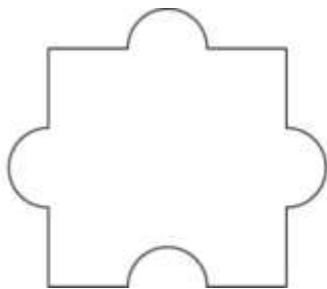
### [1345A - Puzzle Pieces](#)

#### A. Puzzle Pieces

time limit per test: 1 second

memory limit per test: 256 megabytes

You are given a special jigsaw puzzle consisting of  $n \cdot m$  identical pieces. Every piece has three tabs and one blank, as pictured below.



The jigsaw puzzle is considered solved if the following conditions hold:

1. The pieces are arranged into a grid with  $n$  rows and  $m$  columns.
2. For any two pieces that share an edge in the grid, a tab of one piece fits perfectly into a blank of the other piece.

Through rotation and translation of the pieces, determine if it is possible to solve the jigsaw puzzle.

#### Input

The test consists of multiple test cases. The first line contains a single integer  $t$  ( $1 \leq t \leq 1000$ ) — the number of test cases. Next  $t$  lines contain descriptions of test cases.

Each test case contains two integers  $n$  and  $m$  ( $1 \leq n, m \leq 105$ ).

#### Output

For each test case output a single line containing "YES" if it is possible to solve the jigsaw puzzle, or "NO" otherwise. You can print each letter in any case (upper or lower).

#### Example

**input**

**Copy**

3

```
1 3
100000 100000
2 2
```

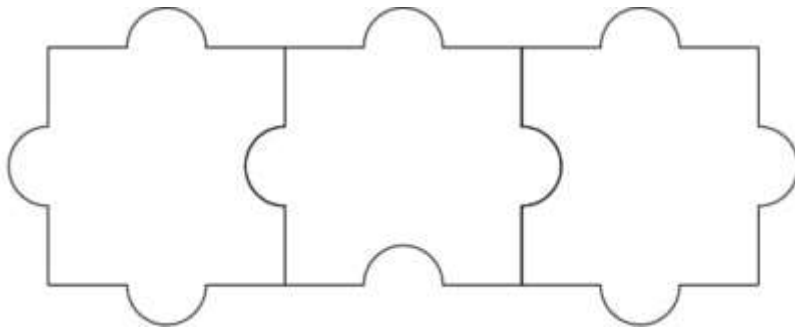
**output**

**Copy**

```
YES
NO
YES
```

**Note**

For the first test case, this is an example solution:



For the second test case, we can show that no solution exists.

For the third test case, this is an example solution:

