You are given four integers a, b, c and d. Determine if there's a rectangle such that the lengths of its sides are **a**, **b**, **c** and **d** (in any order).

Input

- The first line of the input contains a single integer T denoting the number of test cases. The description of T test cases follows.
- The first and only line of each test case contains four space-separated integers a, b, c and d.

Output

For each test case, print a single line containing one string "YES" or "NO".

Constraints

- $1 \le T \le 1,000$
- $1 \le a, b, c, d \le 10,000$

Subtasks

Subtask #1 (100 points): original constraints

Example

```
Input:
1 1 2 2
3 2 2 3
1 2 2 2
Output:
YES
YES
ИО
```

Author: 6★ kingofnumbers (/users/kingofnumbers)

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Time Limit: 1 secs

Source Limit: 50000 Bytes