

Problem

Read problems statements in [Mandarin Chinese](#) and [Russian](#).

Alice and Bob, both have to drink water. But they both don't want to go, so they will play a game to decide who will fetch water for both of them. Alice will choose a number randomly between **1** and **N** (both inclusive) and Bob will choose a number randomly between **1** and **M** (both inclusive). Both will write their numbers on a slip of paper. If sum of numbers choosen by both is **odd**, then Alice will go, else Bob will go.
What is probability that Alice will go?

Input

First line contains, **T**, the number of testcases. Each testcase consists of **N** and **M** in one line, separated by a space.

Output

For each test case, output a single line containing probability as an [irreducible fraction](#).

Constraints

- $1 \leq T \leq 10^5$
- $1 \leq N,M \leq 10^9$

Sample 1:

Input	Output
3	0/1
1 1	1/2
1 2	1/2
2 3	

Explanation:

#test1: The only way is when Alice and Bob both choose 1. So, Alice won't have to go because sum is even.
test2: The different ways are (1,1) and (1,2), where first term denotes the number choosen by Alice. So of all possible cases (ie. 2) in only 1 case Alice has to go. Therefore, probability is 1/2.
test3: The different ways are (1,1), (1,2), (1,3), (2,1), (2,2), (2,3) where first term denotes the number choosen by Alice. So of all possible cases (ie. 6) in only 3 cases Alice has to go. Therefore, probability is 1/2.

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