Fractional Love !!!

"MY DAD SAYS FRACTIONS ARE OBSOLETE SINCE THE STOCK MARKET MOVED TO DECIMALS."
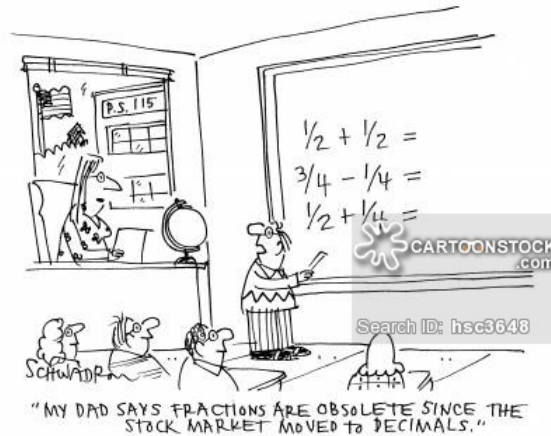
Sazid and Rita are two friends. Now, they are going to play a game. They have two numbers A and B. You have to divide A by B. Then, If the first two digit values after fraction point of the division result is greater than 34 then increment the integer part of the result by 1 .

Input:

Input starts with an integer T indicating test cases . Then there are T lines below . Each line contains two integers A and B .

Output:

Print the result in integer format . (If necessary, increment the result by 1 as described in the statement)

Input Format

2

3 2

2 3

Constraints

1. 1<=T<=100

2. 1<=A,B<=10005

Output Format

2

1

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