

# Divide

Enter two numbers  $m$  and  $n$  then calculate the value  $m/n$ , where  $m$  is the numerator and  $n$  is the denominator.

## Input

The first line of the input consist of a single integer number  $t$  which determines the number of tests.

In each of next  $t$  lines there are two number  $m$  and  $n$  that are separated by a space character.

## Constraints

- $0 < t \leq 1\ 000$

## Output

For each test case print out the result of division. Separate your answers with a new line character.

## Example

### Input:

```
7
5 2
-15 -5
8 4
50 0
7 3
-6 2
18 -3
```

### Output:

```
2.5
3
2
denominator cannot be zero
2.333333
-3
-6
```