

Earned Run Average

Your task is to write a function that returns an Earned Run Average (ERA). An ERA is calculated by multiplying 9 by the quotient of Earned Runs Allowed er divided by ip Innings Pitched.

In baseball statistics, innings are represented with a fractional part of .1 (1/3) or .2 (2/3) to represent the number of outs in an inning. A whole number or a number with a fractional part of .0 represents a full inning with three outs. Check the Resources tab for a deeper explanation.

Input

The first line of input contains the quotient of Earned Runs Allowed and Innings Pitched separated by a space.

Output

The first line contains the Earned Run Average (ERA).

Sample input

Sample output

22 99	2.00
23 99.1	2.08
24 99.2	2.17