## Problem 1 – Printing

The first C# exam is coming! Help the trainers to calculate the amount of money they save for not printing on paper the exam descriptions. There are **N** students in the academy. The number of paper sheets that should be printed for each student is **S**. One ream (box with paper sheets) contains exactly **500** sheets of paper. The price of one ream is **P**.

You can buy part of a ream. For example if the price of ream is 2.20 you can buy 0.45 parts of one ream which means that you will pay 0.45 \* 2.20 = 0.99.

**N**, **S**, **P** should be read from the console. Output the exact total amount of money the trainers save for not printing the exams on paper. The output should be rounded with 2 digits after the decimal point.

See the examples below for clarification.

### Input

The input data should be read from the console.

The number **N** will be given on the first console line.

The number **S** will be given on the second console line.

The number **P** will be given on the third console line.

The input data will always be valid and in the format described. There is no need to check it explicitly.

### Output

The output data should be printed on the console.

Output the amount of money with precision **2 digits** after the decimal point (Hint: use the formatting string {0:F2} for outputting the answer)

### Constraints

* **N** will be a positive integer between 1 and 10 000.
* **S** will be a positive integer between 1 and 500.
* **P** will be a positive number between 0.01 and 100 with precision 2 digits after the decimal point.
* Allowed working time for your program: 0.1 seconds. Allowed memory: 16 MB.

### Examples

|  |  |  |
| --- | --- | --- |
| **Example input** | **Example output** | **Explanation** |
| 1100  5  4.80 | 52.80 | 1100 students with 5 sheets of paper each = total 5500 sheets of paper.  5500 sheets of paper means 11 reams.  11 reams with price of 4.80 each = 52.80 |
| 686  7  4.98 | 47.83 | 686 students with 7 sheets of paper each = total 4802 sheets of paper.  4802 sheets of paper means 9.604 reams.  9.604 reams with price of 4.98 each = 47.83  Actually the exact result is 47.82792 but when rounded to the second digit after the decimal point we come up with 47.83 |