## Charity Campaign

## Problem 2. Charity Campaign

A charity campaign takes place at a pastry shop. Confectioners from all over the world can get involved in it. Your task is to write a program that calculates the amount of money collected from this campaign.

At first, you should **read from the input** how many **days** the campaign is active and the amount of **confectioners** involved in it. Then, on **separate lines** you will receive how many **cakes**, **waffles** and **pancakes** will be prepared **by each confectioner per day**. You must have in mind the following prices for the pastries:

* A cake costs 45 leva
* A waffle costs 5.80 leva
* A pancake costs 3.20 leva

**1/8** of the total amount of the money collected will be used to **cover** the **expenses** for the products used to prepare the pastries. Calculate how much money was raised at the end of the campaign.

### Input

The input is array with **5 elements**:

* **Zero** index: the amount of **days** the campaign is active – an integer in the range [0-365]
* **First** index: the amount of **confectioners** involved – an integer in the range [0-1000]
* **Second** index: the amount of **cakes** – an integer in the range [0-2000]
* **Third** index: the amount of **waffles** – an integer in the range [0-2000]
* **Fourth** index: the amount of **pancakes** – an integer in the range [0-2000]

### Output

Print on the console **one line** with the **amount of money** raised from the campaign, formatted to **two decimal places**.

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Explanations** |
| 20  8  14  30  16 | 119728.00 |  |
| 131  5  9  33  46 | 426175.75 |  |