**Problem 1 – Currency Check**

Te4o is a big Battlefield fan. He's been saving money for months to buy the new Battlefield Hardline game. However, he has **five options** to buy the game from. **The first one** is a shady Russian site selling games in **rubles** (Russian currency). **Another option** is an American site selling games in **dollars** (American currency). Te4o's **third option** is the official site of the game - selling games in **euros** (European Union currency). **The final 2 options** are Bulgarian sites **B** and **M.** Both of them sell in **leva** (Bulgarian currency). **B** offersa very **special deal - 2 copies** of the gamefor **the price of one. M** sellsgamesfor **normal prices.** Te4o is very bad with math and can't calculate the game prices in leva. But he wants to impress his girlfriend by showing her he bought the cheapest game.

Assume that Te4o has a girlfriend, **all games are identical, 100 rubles** are **3.5 leva, 1 dollar** is **1.5 leva, 1 euro** is **1.95 leva** and if Te4o **buys 2 special games** fromB he can **sell one** of them for exactly **half of the money** he paid for both**.**

Your task is to write a program that calculates **the cheapest game**.

**Input**

The input data should be read from the console. It consists of five input values, each at a separate line:

* The number **r** – amount of **rubles** Te4o has to pay for the game at the Russian site.
* The number **d** – amount of **dollars** Te4o has to pay for the game at the American site.
* The number **e** – amount of **euro** Te4o has to pay for the game at the official site.
* The number **b** – amount of **leva** Te4o has to pay for the special offer at B.
* The number **m** – amount of **leva** Te4o has to pay for the game at M's site.

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

**Output**

* The output data must be printed on the console. On the only output line you must print **the cheapest game price rounded up (removed "up") to the second digit after the decimal mark.**

**Constraints**

* The numbers **r, d, e, b, m** are integer numbers in range [0... 4,294,967,295].
* Allowed working time for your program: 0.1 seconds.
* Allowed memory: 16 MB.

**Examples**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** | **Comments** | | | | | |
| 2600  60  60  130  70 | 65.00 | 2600 rubles is 2600 / 100 = 26 \* 3.5 = 91 leva, 60 dollars is 60 \* 1.5 = 90 leva , 60 euro is 60 \* 1.95 = 117 leva, 130 leva for 2 games is 130 / 2 = 65 leva per game and 70 leva is 70 leva. The cheapest game is 65 leva. | | | | | |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| 2050  85  75  239  80 | 71.75 | 800  11  15  28  13 | 13.00 | 700  5  1  20  4 | 1.95 |