## Problem 1. Sweet Dessert

Ivancho and his girlfriend are **throwing a party**. She plans **to cook her favorite dessert**. She asks Ivancho to **buy** the **needed products**. The **number of desserts** depends on **how many people will be coming**. She can prepare the dessert **in portions of 6**. If there are **5 guests** coming, she will still **cook 6 portions**, for **10 guests** – will **cook 12**. The products for the dessert are **bananas**, **eggs** and **berries**. For **a set of 6** she needs **2 bananas**, **4 eggs** and **0.2 kilos berries**.

You will be given **the amount of money Ivancho has**, the **number of guests** and the **prices of the products**. You have to help Ivancho **calculate** if the **cash** he has is **enough to buy all of the products**, or how much more money he needs.

### Input

The input data should be read from the console. It will consist of **exactly 5 lines**:

* The **amount of cash** Ivancho has – **floating-point number** in **range [0.00…1,000,000,000.00]**
* The **number of guests – integer in range [0…1,000,000,000]**
* The **price of bananas** for a **single unit – floating-point number** in **range [0.00…1,000.00]**
* The **price of eggs** for a **single unit – floating-point number** in **range [0.00…1,000.00]**
* The **price of berries** for a **kilo – floating-point number** in **range [0.00…1,000.00]**

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

### Output

The output should be printed on the console.

* **If the calculated price of the products is less or equal to the money Ivancho has:**
  + “Ivancho has enough money - it would cost {the cost of the products}lv.”
* **If the calculated price of the products is more than the money Ivancho has:**
  + “Ivancho will have to withdraw money - he will need {neededMoney}lv more.”
* **All prices** must be **rounded to two digits after the decimal point.**

### Examples

|  |  |  |
| --- | --- | --- |
| **Input** | **Output** | **Comments** |
| 10  12  0.35  0.20  4.50 | Ivancho has enough money - it would cost 4.80lv. | For 12 guests – 2 sets of 6 portions  Needed product:  2\*(2 bananas), 2\*(4 eggs), 2\*(0.2 kilos berries)  2\*(2\*0.35) + 2\*(4\*0.20) + 2\*(0.2\*4.50) = 4.80  4.80 <= 10 – the money will be enough. |
| **Input** | **Output** | **Comments** |
| 20  33  0.60  0.50  10 | Ivancho will have to withdraw money - he will need 11.20lv more. | For 33 guests – 6 sets of 6 portions  Needed product:  6\*(2 bananas), 6\*(4 eggs), 6\*(0.2 kilos berries)  6\*(2\*0.60) + 6\*(4\*0.50) + 6\*(0.2\*10.00) = 31.20  31.20 > 20 – need 11.20 lv. more. |