You want to order pizzas from the famous *Cube’s* chain. Their prices are BGN.

*Cube's* offers 2 discounts:

1. "Buy 2 pizzas and pay only 60% of the original price of the cheaper one"
2. "Buy 3 pizzas and pay only 5 BGN for the cheapest"

Each pizza can be purchased individually or a part of one discount. You want to combine the discounts in such a way that you pay the least amount of money in total.

**Input**

The first line of the file **pizza.in** contains the number and the second line contains numbers -

**Output**

Print the minimal possible cost in the file **pizza.out**. The answer will be considered as correct if the absolute or relative error is

**Constraints**

, has at most 1 decimal digit

**Time limit: 0.8 sec.**

**Memory limit: 256 MB.**

**Sample test**

|  |  |
| --- | --- |
| **Input (pizza.in)** | **Output (pizza.out)** |
| 5  10.5 10.5 10.5 10.5 10.5 | 42.8 |