Pool Day

It is hot and sunny outside, so your boss decides to organize a workday by the swimming pool. Your task is to write a program that calculates the amount that should be paid for the event. An **entrance fee** must be paid for by **every single person. You should keep in mind that an umbrella** is enough for **two people**. It is known that **only 75%** of the team wants sunbeds. **In the calculation of the number of umbrellas and sunbeds, their number should be rounded up to the nearest integer number**.

Input

The input contains 4 numbers:

1. **First - the number of people**. **Integer in the interval [1... 100]**
2. **Second - entrance fee**. **Real number in the interval [0.00... 50.00]**
3. **Third - price for a sunbed**. **Real number in the interval [0.00... 50.00]**
4. **Fourth - price for one umbrella. Real number in the interval [0.00... 50.00]**

Output

String - "{total price} dollars."

The result must be formatted to the second digit after the decimal point.

Function Setup

```
function main( numOfPpl, entranceFee, sunbedPrice, umbrellaPrice ){

}
```

Examples

Input	Output	Comments
21 5.50 4.40 6.20	254.10 dollars.	21 people at $5.50 total entrance fee is $115.50 75% of 21 people are 16 and therefore need 16 sunbeds, which are priced at $4.40 -> 16 * 4.40 = $70. 40 50% of 21 people are 11 and therefore need 11 umbrellas, which are priced at $6.20 -> 11 * 6.20 = $68.20 The final price is: 115.50 + 70.40 + 68.20 = $254.10

Input	Output	Input	Output
50 6 8 4	704.00 dollars.	100 8 6 4	1450.00 dollars.