

# Denver and Emma

Denver really likes Emma and he wants to impress her but Emma only like those boys who are good in Problem solving. So Emma gave a problem to Denver and told him that she will only impressed by him If he is able to solve the problem. As Denver is very bad in problem solving so he wants your help in solving the problem. The problem statement is *There are  $N$  men and their weight is increased by a factor of  $A$  kg when one of the men whose weight is  $B$  kg is replaced by a new men so you need to Find the weight of new men.*

## Input

The first line of the input consist of a single integer number  $t$  which determines the number of test cases.

In each of next  $t$  lines there are three integer number  $N$  ,  $A$  and  $B$  denoting the number of mens which is  $N$  ,the weight increased by  $A$  factor and the weight of the men which is replaced i.e  $B$  kg.

## Constraints

- $1 \leq t \leq 10$
- $1 \leq N \leq 10^2$
- $1 \leq A \leq 99$
- $1 \leq B \leq 99$

## Example:

Input:

```
2
8 1.5 65
6 3 80
```

Output:

```
77
98
```

## Explanation:

**In test case 1<sup>st</sup>** there are 8 men and their weight is increased by 1.5kg so total weight increased =  $(8 \times 1.5)\text{kg} = 12\text{kg}$

The weight of the new men =  $(12+65)=77\text{kg}$ .