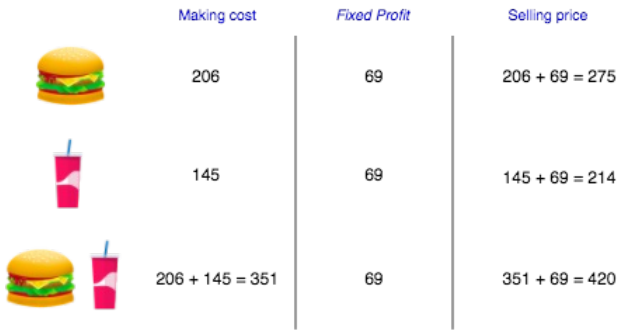
Combo Meal

A fast-food chain menu is selling a burger, a can of soda, and a combo meal containing a burger and a can of soda, at prices known to you.

They have chosen the selling price for each item, by first determining the *total cost* of making the individual items and then adding a *fixed* value to it, representing their *profit*. Assume that the cost of making a regular burger is fixed and the cost of making a regular soda is fixed.

For example, if the cost of making a regular burger is 206, the cost of making a regular soda is 145 and the fixed profit is 69, then the fast-food chain will set selling prices as:



Complete the function named `profit` which takes in three integers denoting selling price of a burger, a can of soda and a combo meal respectively, and return an integer denoting the fixed profit. Given the price of a burger, a can of soda and a combo meal on the menu, your task is to compute the fixed profit.

Input Format

The first line contains t, the number of scenarios. The following lines describe the scenarios.

Each scenario is described by a single line containing three space-separated integers, b, s and c, denoting how much a burger, a can of soda and a combo meal cost respectively.

Constraints

- $1 \leq t \leq 50$
- $3 \leq c \leq 3000$
- $2 \leq b, s < c$
- It is guaranteed that the cost of making each item and the profit are positive.

Output Format

For each scenario, print a single line containing a single integer denoting the profit that the fast-food chain gets from every purchase. It is guaranteed that the answer is positive.

Sample Input 0

```
3
275 214 420
6 9 11
199 199 255
```

Sample Output 0

```
69
4
143
```

Explanation 0

Case 1: Refer to the problem statement for this case.

Case 2: The selling price of a burger is 6, soda is 9, and combo meal is 11. If the cost to make a burger is 2, the cost to make a can of soda is 5 and the fixed profit is 4, you can verify the given selling prices as, $b = 2 + 4, s = 5 + 4$ and $c = 2 + 5 + 4$. Hence, the answer is 4.

Case 3: The selling price of a burger is 199, soda is 199, and combo meal is 255. If the cost to make a burger is 56, the cost to make a can of soda is 56 and the fixed profit is 143, you can verify the given selling prices as, $b = 56 + 143, s = 56 + 143$ and $c = 56 + 56 + 143$. Hence, the answer is 143.