

Taum and B'day

Taum is planning to celebrate the birthday of his friend, Diksha. There are two types of gifts that Diksha wants from Taum: one is black and the other is white. To make her happy, Taum has to buy B number of black gifts and W number of white gifts.

- The cost of each black gift is X units.
- The cost of every white gift is Y units.
- The cost of converting each black gift into white gift or vice versa is Z units.

Help Taum by deducing the minimum amount he needs to spend on Diksha's gifts.

Input Format

The first line will contain an integer T which will be the number of test cases.

There will be T pairs of lines. The first line of each test case will contain the values of integers B and W . Another line of each test case will contain the values of integers X , Y , and Z .

Constraints

$$1 \leq T \leq 10$$

$$0 \leq X, Y, Z, B, W \leq 10^9$$

Output Format

T lines, each containing an integer: the minimum amount of units Taum needs to spend on gifts.

Sample Input

```
5
10 10
1 1 1
5 9
2 3 4
3 6
9 1 1
7 7
4 2 1
3 3
1 9 2
```

Sample Output

```
20
37
12
35
12
```

Explanation

- *Sample Case #01:*
There is no benefit to converting the white gifts into black or the black gifts into white, so Taum will have to buy each gift for 1 unit. So cost of buying all gifts will be: $10 * 1 + 10 * 1 = 20$.
- *Sample Case #02:*
Again, we can't decrease the cost of black or white gifts by converting colors. We will buy gifts at their

original price. So cost of buying all gifts will be: $5 * 2 + 9 * 3 = 10 + 27 = 37$.

- *Sample Case #03:*

We will buy white gifts at their original price, **1**. For black gifts, we will first buy white one and color them to black, so that their cost will be reduced to $1 + 1 = 2$. So cost of buying all gifts will be: $3 * 2 + 6 * 1 = 12$.

- *Sample Case #04:*

Similarly, we will buy white gifts at their original price, **2**. For black gifts, we will first buy white one and color them to black, so that their cost will be reduced to $2 + 1 = 3$. So cost of buying all gifts will be: $7 * 3 + 7 * 2 = 35$.

- *Sample Case #05:* We will buy black gifts at their original price, **1**. For white gifts, we will first black gifts worth **1** unit and color them to white with another **2** units, so cost for white gifts is reduced to **3** units. So cost of buying all gifts will be: $3 * 1 + 3 * 3 = 3 + 9 = 12$.