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Problem A: Lifting Weights

Lily has decided that she needs to exercise and has started to lift weights. During her first week of exercising, she was capable of lifting some weight **A**. However, as she grew stronger, she was able to lift **B** more kilograms than she could the week before. Figure out how much weight Lily was able to lift after **N** weeks.

Input:
The first line of input provides the number of test cases, **T** ($1 \leq \mathbf{T} \leq 100$). **T** test cases follow. Each test case consists of one line containing three integers **A**, **B**, **N** ($1 \leq \mathbf{A}, \mathbf{B}, \mathbf{N} \leq 100$).

Output:
For each test case, your program should output one integer, how much she should be able to lift.

Sample Input:
```
2
2 2 1
2 3 4
```
Sample Output:
```
2
11
```

Explanation of Sample Input:
In the second test case, she was able to lift 2 kilograms in her first week, 5 in her second, 8 in her third, and 11 in her fourth.