

CHOCOLATES

CHOCOLATES

A shopkeeper sells 1 chocolate at Rs. A each. You can exchange B wrappers for 1 chocolate. If you have N Rs. how many maximum chocolates can you get?

Input Specification:

The first line consists of an integer t, the number of test cases. Then for the next t lines, each test case consists of 3 integers A, B and N as defined above.

Output Specification:

For each test case find the maximum number of chocolates that you can get.

Input Constraints:

$$1 \leq t \leq 1000$$

$$1 \leq A \leq 20$$

$$2 \leq B \leq 11$$

$$0 \leq N \leq 1000000$$

Sample Input:

```
5
1 2 0
1 2 5
7 10 7
2 11 4
1 10 4
```

Sample Output:

```
0
9
1
2
4
```