A	Three Families **Input:** Standard Input **Output:** Standard Output	

Three families share a garden. They usually clean the garden together at the end of each week, but last week, family C was on holiday, so family A spent 5 hours, family B spent 4 hours and had everything done. After coming back, family C is willing to pay $90 to the other two families. How much should family A get? You may assume both families were cleaning at the same speed.

$90/(5+4)*5=$50? No no no. Think hard. The correct answer is $60. When you figured out why, answer the following question: If family A and B spent x and y hours respectively, and family C paid z, how much should family A get? It is guaranteed that both families should get non-negative integer dollars.

WARNING: Try to avoid floating-point numbers. If you really need to, be careful!

Input
The first line contains an integer T ($T<=100$), the number of test cases. Each test case contains three integers x, y, z ($1<=x$, $y<=10$, $1<=z<=1000$).

Output
For each test case, print an integer, representing the amount of dollars that family A should get.

Sample Input

Sample Input	Output for Sample Input
2 5 4 90 8 4 123	60 123

Problemsetter: Rujia Liu, Special Thanks: Feng Chen, Md. Mahbubul Hasan, Youzhi Bao