**12 hour clock addition**

[maths](http://www.practice.geeksforgeeks.org/tag-page.php?tag=maths&isCmp=0)

Given two positive integers num1 and num2, the task is to find the sum of the two numbers on a 12 hour clockrather than a number line.

**Input**  
First line of the input contains an integer T denoting the number of test cases. Then T test cases follow. Each test case consists of a single line containing two integers seperated by a space .

**Output**  
Corresponding to each test case, print the sum in a new line.

**Constraints:**

1<=T<=100  
0<=num1<=50  
0<=num2<=50

**Example:**

**Input:**  
2  
7 5  
3 5

**Output**  
0  
8

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?pid=975>

#include <iostream>

#include <stdio.h>

#include <vector>

#include <algorithm>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int a,b;

scanf("%d %d", &a, &b);

int sum = a+b;

printf("%d\n", sum%12);

}

//system("pause");

return 0;

}