12 hour clock Multiplication

Given two positive integers num1 and num2, the task is to find the product of the two numbers on a **_12 hour clock_** rather 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 separated by a space .

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

Constraints:
1<=T<=100
1<=num1<=1000
1<=num2<=1000

Example:

input:-
1
2 3
3 5

output:-
6
3