This problem is a programming version of Problem 19 from projecteuler.net
You are given the following information, but you may prefer to do some research for yourself.
1 Jan 1900 was a Monday.
Thirty days has September,
April, June and November.
All the rest have thirty-one,
Saving February alone,
Which has twenty-eight, rain or shine.
And on leap years, twenty-nine.
A leap year occurs on any year evenly divisible by 4 , but not on a century unless it is divisible by 400 .
How many Sundays fell on the first of the month between two dates(both inclusive)?

## Input Format

The first line contains an integer $T$, i.e., number of test cases.
Each testcase will contain two lines
$Y_{1} M_{1} D_{1}$ on first line denoting starting date.
$Y_{2} M_{2} D_{2}$ on second line denoting ending date.

## Constraints

- $1 \leqslant T \leqslant 100$
- $1900 \leqslant Y_{1} \leqslant 10^{16}$
- $Y_{1} \leqslant Y_{2} \leqslant\left(Y_{1}+1000\right)$
- $1 \leqslant M_{1}, M_{2} \leqslant 12$
- $1 \leqslant D_{1}, D_{2} \leqslant 31$


## Output Format

Print the values corresponding to each test case.

## Sample Input

```
2
1900 1 1
1910 1 1
2000 1 1
2020 1 1
```


## Sample Output

## Explanation

For testcase 1, we have the following sundays :-

1 April 1900
1 July 1900
1 September 1901
1 December 1901
1 June 1902
1 February 1903
1 March 1903
1 November 1903
1 May 1904
1 January 1905
1 October 1905
1 April 1906
1 July 1906
1 September 1907
1 December 1907
1 March 1908
1 November 1908
1 August 1909

