

Problem 10 : Episodes

Statement

The first episode of AOT was published Wednesday 09/09/2009 then the other episodes were distributed in this form :

- The month of January (2 EPs By week) in Friday and Wed
- The month of April (3 EPs By Week) in Sunday , Monday and Thursday
- The month of December (One EP By Week) on Friday.

By giving two different dates,find us the number of episodes published in that period .

Note : We supposed all months are 31 day only February with 28 day .

Input

D1 M1 A1 : integers represent first date ,D2 M2 A2 : integers represent second date.

Output

n : Number of episodes.

Example

Input	Output
09 09 2009 05 05 2021	320
01 01 2021 01 02 2021	9