

Calculate the day!!

If we want to calculate the day of some date in some year we need the following table:

January	0
February	3
March	3
April	6
May	1
June	4
July	6
August	2
September	5
October	0
November	3
December	5

1. Step

We take some date, e.g. 14. November 1990.

2. Step

The number of months on the list is **3**

3. Step

We take the last two digits of the year and divide it by 4.

$90 : 4 = 22$ (we ignore the remainder).

4. Step

We add the number of months, the last two digits of the year, the number that we get dividing by year and date:

$$3 + 90 + 22 + 14 = 129$$

5. Step

We divide the obtained result by 7. So, $129 : 7 = 18$ and **the remainder is 3**.

6. Step

The remainder is the number that we look at in the following table:

Monday	1
Tuesday	2
Wednesday	3
Thursday	4
Friday	5
Saturday	6
Sunday	0

Answer is: **Wednesday!**