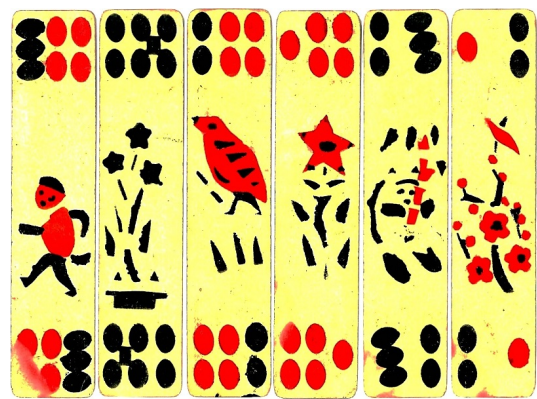


# Chuanpai

Input file:            `standard input`  
Output file:          `standard output`  
Time limit:          1 second  
Memory limit:        256 megabytes

*Chuanpai*(川牌) is a kind of traditional playing cards in Sichuan. Each card is marked with two integers  $x$  and  $y$  where  $1 \leq x \leq y \leq 6$ .



*Some samples of Chuanpai.*  
*The first one is marked with 3 and 4, while the second one is marked with 2 and 5.*

Given an integer  $k$ , please count the number of different types of cards satisfying  $x + y = k$ .

We say two cards with integers  $x_1, y_1$  and  $x_2, y_2$  are of different types if  $x_1 \neq y_1$  or  $x_2 \neq y_2$ .

## Input

There are multiple test cases. The first line of the input contains an integer  $T$  ( $1 \leq T \leq 100$ ) indicating the number of test cases. For each test case:

The first and only line contains an integer  $k$  ( $1 \leq k \leq 100$ ).

## Output

For each test case output one line containing one integer, indicating the number of types of cards satisfying  $x + y = k$ .

## Example

standard input	standard output
4	2
4	2
5	3
8	0
100	

## Note

We use  $(a, b)$  to indicate a type of card whose  $x = a$  and  $y = b$ .

For the first sample test case the valid types of cards are  $(1, 3)$  and  $(2, 2)$ .

For the second sample test case the valid types of cards are  $(1, 4)$  and  $(2, 3)$ .

For the third sample test case the valid types of cards are  $(2, 6)$ ,  $(3, 5)$  and  $(4, 4)$ .