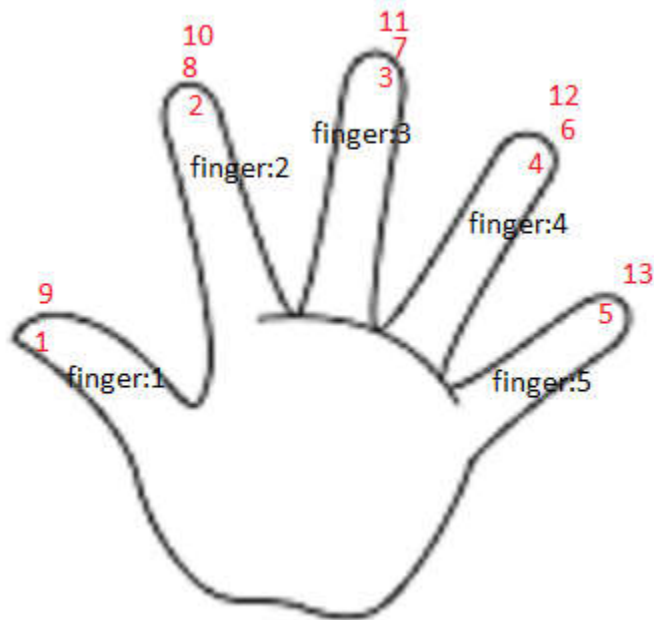


# Finger Game

Count the given numbers on your fingers and find the correct finger on which the number ends.

- The first number starts from the thumb, second on the index finger, third on the middle finger, fourth on the ring finger and fifth on the little finger.
- Again six comes on the ring finger and so on.



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## Input:

First line consists of T test cases. Only line input, one integer N.

## Output:

Single line output, print the number of finger.

## Constraints:

$1 \leq T \leq 5000$

$1 \leq N \leq 5000$

## Example:

### Input:

2

1

2

**Output:**

1

2