

# Divisors of factorial

Given a number, find the total number of divisors of the factorial of the number.

Since the answer can be very large , Print answer **modulo**  $((10^9)+7)$ .

## Input

The first line contains T , number of test cases

T lines follows each containing the number N.

## Output

Print T lines of output each containing the answer.

## Example

**Input:**

3

2

3

4

**Output:**

2

4

8

**Constraints:**

$1 \leq T \leq 500$

$0 \leq N \leq 50000$