# Project Euler #5: Smallest multiple

This problem is a programming version of Problem 5 from projecteuler.net

$2520$ is the smallest number that can be divided by each of the numbers from $1$ to $10$ without any remainder.

What is the smallest positive number that is evenly divisible(divisible with no remainder) by all of the numbers from $1$ to $N$?

**Input Format**

First line contains $T$ that denotes the number of test cases. This is followed by $T$ lines, each containing an integer, $N$.

**Output Format**

Print the required answer for each test case.

**Constraints**

$1 \le T \le 10$
$1 \le N \le 40$

**Sample Input**

```
2
3
10
```

**Sample Output**

```
6
2520
```