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LCM Summation

♠ locked



by pruthvishalcodi1

Problem

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Given n, calculate the sum LCM(1,n) + LCM(2,n) + ... + LCM(n,n), where LCM(i,n) denotes the Least Common Multiple of the integers i and n.

Input Format

The first line contains T the number of test cases. Each of the next T lines contain an integer n.

Constraints

- 1 <= T <= 300000
- 1 <= n <= 1000000

Output Format

Output T lines, one for each test case, containing the required sum.

Sample Input 0

3

1 2

5

Sample Output 0

1

55

Submissions: 87 Max Score: 15

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1 ▼#include <stdio.h> #include <string.h>





```
#include <stdlib.h>

for int main() {

/* Enter your code here. Read input from STDIN. Print output to STDOUT */

return 0;

Line: 1 Col: 1

Line: 1 Code

Submit Code
```

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