Problem A. Tawla

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

Medo and his friends were playing tawla in some downtown cafe. They invented a new dice with N faces. Imagine a regular dice having six faces, instead this custom dice will have N faces, where each face will have exactly one unique number from 1 to N. They made a game with only one rule. If someone throws the dice and gets a number that is divisible by 6, they will win.

Given N, for a N faces dice, how many faces will lead to winning?

Input

The first line of input contains the number of test cases T. Each of the next T lines will contain one integer N ($1 \leq N \leq 10^9$).

Output

For each test case, print one line containing one integer, the answer required.

Example

standard input	standard output
3 6 5 13	1 0 2