

# Factorial (Again!)

Have you solved [FCTRL](#) problem?

In this problem you need to do the same task (given positive integer  $n < 10^{100}$  you need to count number of zeroes at the end of the decimal number of  $n!$ ), seems easy(?) but this time only Brainf\*\*k language allowed.

## Input

First line of input there is an integer  $T \leq 1000$  denoting number of test case.

Next  $T$  lines containing an integer  $n$ .

Each line is terminated with newline character (ASCII:10)

## Output

For each test case, output number of zeroes at the end of the decimal form of number  $n!$

## Example

**Input:**

```
6
3
60
100
1024
23456
8735373
```

**Output:**

```
0
14
24
253
5861
2183837
```

## Other Info

Input: 100% random log-uniform.

This problem is using custom judge, so you can see the detail after you get AC/WA.

Judge output format is like this: ("Code Length (Valid Command only)")"Cell Used"("BF Command executed").

[Click here to see my submission result for this problem.](#)

Judge output for my BF code is: (1340)501(392776170) meaning that my Valid BF commands = 1340 commands and My code using 501 BF cell and 392776170 commands executed.

You can click (AC/WA) status for more detail.

My code running time is 0.59s and using 1.6MB of memory.

Time limit is  $\sim 16\times$  my BF program speed.

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**See also:** [Another problem added by Tjandra Satria Gunawan](#)