



CSES Problem Set

Trailing Zeros

TASK | [STATISTICS](#)

Time limit: 1.00 s **Memory limit:** 512 MB

Your task is to calculate the number of trailing zeros in the factorial $n!$.

For example, $20! = 2432902008176640000$ and it has 4 trailing zeros.

Input

The only input line has an integer n .

Output

Print the number of trailing zeros in $n!$.

Constraints

- $1 \leq n \leq 10^9$

Example

Input:
20

Output:
4

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