# A. Girlfriend

Time limit per test
1 second
Memory limit per test
256 megabytes
Input
Standard input
Output
Standard output

A Boy decided to visit his girlfriend's house. It turned out that the boy's house is located at point $0$ and his girlfriend's house is located at point $x(x > 0)$ of the coordinate line. In one step the boy can move $1$, $2$, $3$, $4$ or $5$ positions forward. Determine what is the minimum number of steps he need to make in order to get to his girlfriend's house?

## Input
The first line of the input contains an integer $x$ $(1 \leq x \leq 1\,000\,000)$ — the coordinate of the girlfriend's house.

## Output
Print the minimum number of steps that boy needs to make to get from point $0$ to point $x$.

## Examples

### Input
5

### Output
1

### Input
12

### Output
3

## Note
In the first sample the boy needs to make one step of length $5$ to reach the point $x$.
In the second sample the boy can get to point $x$ if he moves by $3$, $5$ and $4$. There are other ways to get the optimal answer but the boy cannot reach $x$ in less than three moves