

343. Integer Break

Description

Given an integer n , break it into the sum of k **positive integers**, where $k \geq 2$, and maximize the product of those integers.

Return *the maximum product you can get*.

Example 1:

Input: $n = 2$
Output: 1
Explanation: $2 = 1 + 1$, $1 \times 1 = 1$.

Example 2:

Input: $n = 10$
Output: 36
Explanation: $10 = 3 + 3 + 4$, $3 \times 3 \times 4 = 36$.

Constraints:

- $2 \leq n \leq 58$

