264. Ugly Number II

Hint

- An ugly number is a positive integer whose prime factors are limited to 2, 3, and 5.

- Given an integer n, return the nth ugly number.

Example 1:

- **Input:** n = 10

- **Output:** 12

- **Explanation:** [1, 2, 3, 4, 5, 6, 8, 9, 10, 12] is the sequence of the first 10 ugly numbers.

Example 2:

- **Input:** n = 1

- **Output:** 1

- **Explanation:** 1 has no prime factors, therefore all of its prime factors are limited to 2, 3, and 5.

Constraints:

- $1 <= n <= 1690$