

Ugly number



Challenge name: Ugly number

Description:

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

Given an integer n , return the n th 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.

After completing the challenge please submit it in this [form](#).