# 263. 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 `true` *if* `n` *is an* ***ugly number***.

### Example 1:

```
Input: n = 6
Output: true
Explanation: 6 = 2 × 3
```

### Example 2:

```
Input: n = 1
Output: true
Explanation: 1 has no prime factors, therefore all of its prime factors are limited to 2, 3, and 5.
```

### Example 3:

```
Input: n = 14
Output: false
Explanation: 14 is not ugly since it includes the prime factor 7.
```

### Constraints:

- $-2^{31} <= n <= 2^{31} - 1$