# 5490. Minimum Number of Days to Eat N Oranges

y Submissions (/contest/weekly-contest-202/problems/minimum-number-of-days-to-eat-n-oranges/submissions/)

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There are `n` oranges in the kitchen and you decided to eat some of these oranges every day as follows:

- Eat one orange.
- If the number of remaining oranges ( `n` ) is divisible by 2 then you can eat `n/2` oranges.
- If the number of remaining oranges ( `n` ) is divisible by 3 then you can eat `2*(n/3)` oranges.

You can only choose one of the actions per day.

Return the minimum number of days to eat `n` oranges.

| | |
|---|---|
| **User Accepted:** | 0 |
| **User Tried:** | 0 |
| **Total Accepted:** | 0 |
| **Total Submissions:** | 0 |
| **Difficulty:** | Hard |

**Example 1:**

```
Input: n = 10
Output: 4
Explanation: You have 10 oranges.
Day 1: Eat 1 orange,  10 - 1 = 9.
Day 2: Eat 6 oranges, 9 - 2*(9/3) = 9 - 6 = 3. (Since 9 is divisible by 3)
Day 3: Eat 2 oranges, 3 - 2*(3/3) = 3 - 2 = 1.
Day 4: Eat the last orange  1 - 1  = 0.
You need at least 4 days to eat the 10 oranges.
```

**Example 2:**

```
Input: n = 6
Output: 3
Explanation: You have 6 oranges.
Day 1: Eat 3 oranges, 6 - 6/2 = 6 - 3 = 3. (Since 6 is divisible by 2).
Day 2: Eat 2 oranges, 3 - 2*(3/3) = 3 - 2 = 1. (Since 3 is divisible by 3)
Day 3: Eat the last orange  1 - 1  = 0.
You need at least 3 days to eat the 6 oranges.
```

**Example 3:**

```
Input: n = 1
Output: 1
```

**Example 4:**

```
Input: n = 56
Output: 6
```

**Constraints:**

- `1 <= n <= 2*10^9`

JavaScript

```
/**
 * @param {number} n
 * @return {number}
 */
var minDays = function(n) {

};
```

Custom Testcase | Use Example Testcases

Run | Submit