

# Problem 2413: Smallest Even Multiple

## Problem Information

**Difficulty:** Easy

**Acceptance Rate:** 88.16%

**Paid Only:** No

**Tags:** Math, Number Theory

## Problem Description

Given a **positive** integer `n`, return **the smallest positive integer that is a multiple of both** `2` **and** `n`.

**Example 1:**

**Input:** n = 5 **Output:** 10 **Explanation:** The smallest multiple of both 5 and 2 is 10.

**Example 2:**

**Input:** n = 6 **Output:** 6 **Explanation:** The smallest multiple of both 6 and 2 is 6. Note that a number is a multiple of itself.

**Constraints:**

\* `1 <= n <= 150`

## Code Snippets

**C++:**

```
class Solution {
public:
    int smallestEvenMultiple(int n) {
    }
```

```
};
```

**Java:**

```
class Solution {  
    public int smallestEvenMultiple(int n) {  
        }  
        }  
}
```

**Python3:**

```
class Solution:  
    def smallestEvenMultiple(self, n: int) -> int:
```