5830. Three Divisors

My Submissions (/contest/weekly-contest-252/problems/three-divisors/submissions/)

Back to Contest (/contest/weekly-contest-252/)

Given an integer `n` , return `true` *if* `n` *has **exactly three positive divisors**.*
Otherwise, return `false` .

An integer `m` is a **divisor** of `n` if there exists an integer `k` such that `n = k * m` .

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

```
Input: n = 2
Output: false
Explantion: 2 has only two divisors: 1 and 2.
```

Example 2:

```
Input: n = 4
Output: true
Explantion: 4 has three divisors: 1, 2, and 4.
```

Constraints:

- $1 <= n <= 10^4$

JavaScript ▾

```javascript
 1 ▾ const isThree = (n) => {
 2       return calD(n).size == 3;
 3   };
 4
 5 ▾ const calD = (n) => {
 6       let res = new Set();
 7 ▾     for (let i = 1; i <= Math.sqrt(n); i++) {
 8 ▾         if (n % i == 0) {
 9 ▾             if (n / i == i) {
10                   res.add(i)
11 ▾             } else {
12                   res.add(i);
13                   res.add(n / i);
14               }
15           }
16       }
17       return res;
18   };
```

☐ **Custom Testcase**   (Use Example Testcases)

▶ Run   ☁ Submit

Submission Result: Accepted (/submissions/detail/531348457/) ❓

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◀ **2**

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