5792. Count Square Sum Triples

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A square triple (a,b,c) is a triple where a, b, and c are integers and $a^2 + b^2 = c^2$.

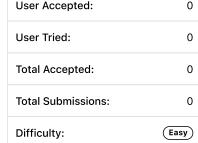
Given an integer n, return the number of square triples such that $1 \le a$, b, $c \le n$.

0 User Accepted: 0

Example 1:

Input: n = 5Output: 2

Explanation: The square triples are (3,4,5) and (4,3,5).



Example 2:

```
Input: n = 10
Output: 4
Explanation: The square triples are (3,4,5), (4,3,5), (6,8,10), and (8,6,10).
```

Constraints:

• 1 <= n <= 250

```
JavaScript
                                                                                                                   \mathfrak{C}
 1 v const countTriples = (n) ⇒ {
 2
        let res = 0;
 3 ▼
         for (let a = 1; a <= n; a++) {
 4 ▼
             for (let b = 1; b \ll n; b++) {
                  for (let c = 1; c <= n; c++) {
 5 ▼
                      if (a * a + b * b == c * c) res++;
 6
 7
 8
             }
 9
         }
10
         return res;
11
    };
```

☐ Custom Testcase

Use Example Testcases



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