

1925. 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 $1 \leq a, b, c \leq n$.

Example 1:

Input: $n = 5$

Output: 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:

- $1 \leq n \leq 250$

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Java



```
1 class Solution {  
2     public int countTriples(int n) {  
3  
4     }  
5 }
```