A **square triple** (a,b,c) is a triple where a, b, and c are **integers** and a2 + b2 = c2.

Given an integer n, return *the number of****square triples****such that*1 <= a, b, c <= 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 <= n <= 250