

## 367. Valid Perfect Square

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Question

Editorial Solution

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Total Accepted: **28099** Total Submissions: **74841** Difficulty: **Easy** Contributors: **Admin**

Given a positive integer *num*, write a function which returns True if *num* is a perfect square else False.

**Note:** Do not use any built-in library function such as `sqrt`.

**Example 1:**

Input: 16  
Returns: True

**Example 2:**

Input: 14  
Returns: False

**Credits:**

Special thanks to @elmirap (<https://discuss.leetcode.com/user/elmirap>) for adding this problem and creating all test cases.

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```
1 class Solution(object):
2     def isPerfectSquare(self, num):
3         """
4         :type num: int
5         :rtype: bool
6         """
7         maximum=int(math.ceil(len(str(num))*1.0/2))
8         n=(10**(maximum))*maximum
9         for i in range(n):
10             if num==i*i:
11                 return True
12             elif num<i*i:
13                 return False
14
```

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