# Problem: Sherlock and Squares

**Sample Input**

2

3 9

17 24

**Sample Output**

2

0

Program:

import math

q = int(input())

for q\_itr in range(q):

    ab = input().split()

    startingIdx = int(ab[0])

    endingIdx = int(ab[1])

    a=math.ceil(math.sqrt(startingIdx))

b=math.floor(math.sqrt(endingIdx))

print((b-a)+1)