Pythagorean Triplet

Your task is to write a function that validates whether three given integers form a Pythagorean triplet. The sum of the squares of the two smallest integers must equal the square of the largest number to be validated.

Input
The first line of input contains three integer separated by a space.

Output
The first line contains "true" or "false".

Sample input	Sample output
3 4 5	true
13 5 12	true
1 2 3	false