

HOMEWORK 9

December 30, 2020

1 Formula

$$x^2 + y^2 = z^2$$

2 Table

X	Y	Z
3	4	5
6	8	10
9	12	15



3 Text

You are strong.

Don't pay attention to the words of others who want to make you look weak.

You can handle everything.

4 Code

(To be complete or not)

```
#include<iostream>

using namespace std;

int main()
{
    int N, sum = 0;
    cin >> N;
    for (int i = 1; i < N; i++)
    {
        if (N % i == 0)
            sum += i;
    }
    if (sum == N)
        cout << "YES" << endl;
    else
        cout << "NO" << endl;
    return 0;
}
```