# 1679. Max Number of K-Sum Pairs

You are given an integer array nums and an integer k.

In one operation, you can pick two numbers from the array whose sum equals k and remove them from the array.

Return the maximum number of operations you can perform on the array.

## SOLUTION IN C++

class Solution {

public:

int maxOperations(vector<int>& nums, int k) {

int ans = 0;

unordered\_map<int, int> count;

for (const int num : nums)

++count[num];

for (const auto& [num, freq] : count)

if (const auto it = count.find(k - num); it != count.end())

ans += min(freq, it->second);

return ans / 2;

}

};