Problem Link:

<https://leetcode.com/problems/check-if-n-and-its-double-exist/?envType=daily-question&envId=2025-04-15>

Solution:

class Solution {

public:

bool checkIfExist(vector<int>& arr) {

set<int> s;

for(int n : arr)

{

if(s.count(2 \* n) || (n % 2 == 0 && s.count(n / 2)))

{

return true;

}

s.insert(n);

}

return false;

}

};