**Q:Count pairs with given sum**

Given an array of integers, and an integer  ‘K’ , find the count of pairs of elements in the array whose sum is equal to 'K'.

**Input**  
2  
4 6  
1  5  7 1  
4 2  
1 1 1 1  
**Output**  
2  
6

Sol:

t=int(input())

for \_ in range(t):

n,k=map(int,input().split())

a=list(map(int,input().split()))

d={}

for i in a:

if i not in d:

d[i]=1

else:

d[i]+=1

c=0

for i in range(n):

if k-a[i] in d:

# print(k-a[i])

c+=d[k-a[i]]

if k-a[i]==a[i]:

c-=1

print(c//2)