def min\_sum(arr):

arr.sort(reverse=True)

total = arr[0]

avg = arr[0]

for i in range(1, len(arr)):

if arr[i] < avg:

break

total += arr[i]

avg = (total) / (i + 1)

return total

n = int(input())

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

result = min\_sum(arr)

print(result)