时间限制：C/C++/Rust/Pascal 12秒，其他语言24秒
空间限制：C/C++/Rust/Pascal 1024 M，其他语言2048 M
Special Judge, 64bit IO Format: %lld

题目描述

Bobo is playing a game of Monopoly with N other players, who have $a_1, a_2, \ldots, a_N$ gold coins respectively, while Bobo has no gold coins. It is now Bobo's turn, and in order to turn the tide, Bobo wishes to use the "Equalization Card" item. This item allows Bobo to choose a number of players **excluding himself** and replace their gold coin counts with the **floor of the average** of the selected players' gold coins. Formally, when Bobo uses an Equalization Card, he can choose a non-empty subset $S \subseteq \{1, 2, \ldots, N\}$, and let $T = \left\lfloor \frac{\sum_{i \in S} a_i}{|S|} \right\rfloor$. For all $i \in S$, the gold coin count of player i is set to T.

Bobo has an unlimited number of "Equalization Cards" and can use any number of them in this turn. Bobo wishes to minimize the maximum number of gold coins that the other N players can have by using the "Equalization Cards" in this turn. Please help Bobo calculate what this minimum value is.

输入描述:

The input consists of T test cases ($1 \leq T \leq 1000$). Each test case is described as follows.

The first line contains a single positive integer N ($2 \leq N \leq 50$), representing the number of other players.

The next line contains N non-negative integers $a_1, a_2, \ldots, a_N$ ($0 \leq a_i \leq 50$), representing the number of gold coins owned by the other players.

输出描述:

For each test case, output a single integer in one line, denoting the answer.

示例1

输入 复制

```
2
5
4 6 2 7 5
5
1 1 1 1 1
```

C++（clang++18）

1

ACM模
请通过
入输出
出描述

运行结果 自测