Maximise the Tastiness

Chef is making a dish that consists of exactly two ingredients. He has four ingredients A, B, C and D with tastiness a, b, c, and d respectively. He can use either A or B as the first ingredient and either C or D as the second ingredient.

The tastiness of a dish is the sum of tastiness of its ingredients. Find the **maximum** possible tastiness of the dish that the chef can prepare.

Input Format

- The first line of input will contain a single integer T, denoting the number of test cases.
- The first and only line of each test case contains four space-separated integers a, b, c, and d — the tastiness of the four ingredients.

Output Format

For each test case, output on a new line the maximum possible tastiness of the dish that chef can prepare.

Constraints

- $1 \leq T \leq 100$
- $1 \leq a, b, c, d \leq 100$

Sample 1:

Input	
Output	
2 3 5 6 2 16 15 5 4	11 21

Explanation:

Test case 1**:** Chef can prepare a dish with ingredients B and C with a tastiness of $5 + 6 = 11$.

Test case 2**:** Chef can prepare a dish with ingredients A and C with a tastiness of $16 + 5 = 21$.