Airlines

An airline operates X aircraft every day. Each aircraft can carry up to 100 passengers.

One day, N passengers would like to travel to the same destination. What is the minimum number of new planes that the airline must buy to carry all N passengers?

Input Format

- The first line of input will contain a single integer T, denoting the number of test cases.
- Each test case consists of a single line containing two space-separated integers X and N — the number of aircraft the airline owns and the number of passengers travelling, respectively.

Output Format

- For each test case, output the minimum number of planes the airline needs to purchase.

Constraints

- $1 \leq T \leq 1000$
- $1 \leq X \leq 10^6$
- $1 \leq N \leq 10^6$

Sample 1:

Input	Output
3 4 600 3 523 8 245	2 3 0

Explanation:

Test case 1: The airline needs at least 6 planes to carry 600 passengers. They already have 4, so they must purchase 2 more.

Test case 2: The airline needs at least 6 planes to carry 523 passengers. They already have 3, so they must purchase 3 more.

Test case 3: The airline needs at least 3 planes to carry 245 passengers. They already have 8, so there's no need to purchase any more.