Problem X. X

Time limit	1000 ms
Code length Limit	50000 B
OS	Linux

Chef has started a new job as an insurance agent.
Each insurance costs X dollars and Chef gets a 20% commission on selling each insurance.

Find the **minimum** number of insurances Chef needs to sell to earn **at least** 100 dollars.

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 integer X, the cost of an insurance.

Output Format

For each test case, output on a new line, the **minimum** number of insurances Chef needs to sell to earn **at least** 100 dollars.

Constraints

- $1 \leq T \leq 100$
- $1 \leq X \leq 100$

Sample 1

Input	Output
4 20 80 1 5	25 7 500 100

Test case 1: On selling 1 insurance, Chef earns 20% of 20, which is, 4 dollars. This means that Chef needs to sell 25 insurances to earn $25 \cdot 4 = 100$ dollars.

Test case 2**:** On selling 1 insurance, Chef earns 20% of 80, which is, 16 dollars.
On selling 6 insurances, Chef will earn $16 \cdot 6 = 96$ dollars. Thus, he would need to sell a minimum of 7 insurances to earn at least 100 dollars.

Test case 3**:** On selling 1 insurance, Chef earns 20% of 1, which is, 0.2 dollars. This means that Chef needs to sell 500 insurances to earn $500 \cdot 0.2 = 100$ dollars.

Test case 4**:** On selling 1 insurance, Chef earns 20% of 5, which is, 1 dollars. This means that Chef needs to sell 100 insurances to earn $100 \cdot 1 = 100$ dollars.