Buying Flowers

Chef wants to buy N ($N \geq 2$) flowers.

He can either pay 4 coins and receive 2 flowers, or pay 5 coins and receive 3 flowers.
Both types of transactions can be repeated as many times as he likes.

Find the **minimum** number of coins Chef needs to pay to buy **exactly** N flowers.

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 one integer N — the number of flowers Chef wishes to buy.

Output Format

For each test case, output on a new line the minimum number of coins Chef needs to pay to buy N flowers.

Constraints

- $1 \leq T \leq 100$
- $2 \leq N \leq 100$

Sample 1:

Input	Output
4 2 3 5 8	4 5 9 14

Explanation:

Test case 1: The only option is to buy 2 flowers for 4 coins.

Test case 2: The only option is to buy 3 flowers for 5 coins.

Test case 3: Chef can buy 2 flowers for 4 coins and 3 flowers for 5 coins, for a total of $2 + 3 = 5$ flowers at a cost of $4 + 5 = 9$.

Test case 4: There are two options available to Chef:

1. Buy 2 flowers for 4 coins; four times.
   This will result in $2 + 2 + 2 + 2 = 8$ flowers at a cost of $4 + 4 + 4 + 4 = 16$.
2. Buy 2 flowers for 4 coins once, and then buy 3 flowers for 5 coins two times.
   This will result in $2 + 3 + 3 = 8$ flowers at a cost of $4 + 5 + 5 = 14$.