Gross Salary Problem Code: **FLOW011**

In a company an emplopyee is paid as under: If his basic salary is less than Rs. 1500, then HRA = 10% of base salary and DA = 90% of basic salary.
If his salary is either equal to or above Rs. 1500, then HRA = Rs. 500 and DA = 98% of basic salary.
If the Employee's salary is input, write a program to find his gross salary.

NOTE: Gross Salary = Basic Salary+HRA+DA

Input
The first line contains an integer **T**, total number of testcases. Then follow **T** lines, each line contains an integer **salary**.

Output
Output the gross salary of the employee.

Constraints
- 1 ≤ **T** ≤ 1000
- 1 ≤ **salary** ≤ 100000

Example
Input

```
3

1203

10042

1312
```

Output

```
2406

20383.2

2624
```