3. Change You Can Believe In

Program Name: Change.java   Input File: change.dat

Libby's favorite hobby is shopping. One day, when she was shopping, Libby bought some shoes that cost $53.38. Libby handed the clerk $54.00 and received 2 quarters, 2 nickels, and 2 pennies in change. Libby wondered why she was not paid with a half-dollar, a dime, and two pennies. Then, she began to wonder how many other ways the 62 cents could have been paid. You are to write a program that will determine how many different ways a given amount of money could be paid using only pennies, nickels, dimes, quarters and half-dollars.

Input
The first line of input will contain a single integer n that indicates the number of test cases to follow. Each of the following n lines will contain a single integer m (0 < m < 100), that indicates an amount of change to be given.

Output
For each test case, you will print the number of different ways the change could be paid.

Example Input File
```
4
62
48
17
87
```

Example Output to Screen
```
77
39
6
187
```