## Stamps                                                    X80452_en

We want to send a postcard by mail. We need to stamp worth $n$ cents. Stamps have values 7 and 4 cents. As space is limited we want to know the minimum number of stamps we need to put on the postcard, without losing a cent.

### Input

The input is a sequence of integer numbers. Each number in the sequence is greater than 19.

### Output

For each integer $n$ in the input, a line with two numbers $p \geq 0$ and $q \geq 0$ such that $n = 7p + 4q$ and $p + q$ is minimum among all possible choices.

### Sample input 1

```
20
31
53
127
```

### Sample output 1

```
0 5
1 6
7 1
17 2
```

### Problem information

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