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## Stamps

X44880\_en

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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

```
20
31
53
127
```

#### Sample output

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

### Problem information

Author :

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