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**Stamps****X44880\_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**

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20
31
53
127
```

**Sample output 1**

0 5
1 6
7 1
17 2

**Problem information**

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