Problem MONEY: Money

Hackers intruded the Easy Bank. They corrupted the money transfer program. This program moves the money from one account to another. Now the syntax of the amounts to be moved is wrong. As nobody is able to find the programm changes of the hackers, a new piece of code must be inserted. This piece of code must decide whether a given string describes an amount of money or not.

If money is transferred between two accounts the following syntax is used:

Money	$\Rightarrow$	*CurrencySymbol Space* Digit$^+$ Cents*
Currencysymbol	$\Rightarrow$	$E\|P\|\$$
Space	$\Rightarrow$	$\_$
Digit	$\Rightarrow$	$0\|1\|2\|3\|4\|5\|6\|7\|8\|9$
Cents	$\Rightarrow$	*. Digit Digit* $\|$ *.--*

- * means that zero spaces or an arbitrary number of spaces can be used.

- $^+$ means that at least one digit must be present, but more digits can also be used.

- $\|$ means *or*.

- E is the abbreviation for Euro, P is the abbreviation for Pound. $\$$ is the abbreviation for Dollar. Other currencies are not used.

Input

First the number of strings that might describe correct amounts of money is given. Each string is given in one line. The next string starts in the next line.

Output

The output is either `Yes` or `No` depending on the given string. If the string describes an amount of money corresponding to the given grammar the answer is `Yes`. Otherwise it is `No`. Each answer is written in a new line.

Sample Input 1
```
3
P5.55
$_5.--
5.555
```

Sample Output 1
```
Yes
Yes
No
```