3. ebay®

Program Name: Ebay.java Input File: ebay.dat

The online auction company, ebay, has just announced that they have reduced their insertion fees. An insertion fee is the price ebay charges the seller for placing an item for sale on ebay and is the minimum price that the seller will accept for the listed item. However, to compensate for that increase, ebay has raised their final value fees. A final value fee is the fee that ebay charges the seller for items sold on ebay. The final value fee is based on the closing value of the sale (the price the buyer paid the seller for the item).

Below is the insertion fee chart that ebay used to charge and what they charge now:

Starting Price	Old Insertion Fee	New Insertion Fee
$0.01 - $0.99	$0.20	$0.15
$1.00 - $9.99	$0.40	$0.35
$10.00 - $24.99	$0.60	$0.55
$25.00 - $49.99	$1.20	$1.00
$50.00 - $199.99	$2.40	$2.00
$200.00 - $499.99	$3.60	$3.00
$500.00 or more	$4.80	$4.00

Below is the final value fee chart that ebay used to charge and what they charge now:

Closing Value (CV)	Old Final Value Fee	New Final Value Fee
Item not sold	No fee	No fee
$0.01 - $25.00	5.25% of the CV	8.75% of the CV
$25.01 - $1000.00	5.25% of the initial $25 plus 3.25% of the CV from $25 to $1000	8.75% of the initial $25 plus 3.5% of the CV from $25 to $1000
$1000.01 and up	5.25% of the initial $25 plus 3.25% of the CV from $25 to $1000 plus 1.5% of the CV $1000.01 and up	8.75% of the initial $25 plus 3.5% of the CV from $25 to $1000 plus 1.5% of the CV $1000.01 and up

You are to write a program that will, given the starting price and closing price, compare the total fee (insertion fee + final value fee) that would have been charged the seller before and after ebay's price reduction.

Input

The first line will contain a single integer `n` that indicates the number of items the seller listed on ebay. Each of the next `n` lines will contain the starting price of an item, a space, and either the sale price (closing value) or the words `NOT SOLD` if no one bought the item.

Output

For each item, you will print whether the new total value fee is `MORE`, `LESS`, or the `SAME` as the old total value fee would have been, followed by the amount of that difference rounded to the nearest penny in the format below. Round only the difference between the old total value and the new total value; do not round any intermediate values.

Example Input File

```
3
49.99 75.10
9.99 999.99
75.00 NOT SOLD
```

Example Output To Screen

```
More $0.80
More $3.26
Less $0.40
```