

3 Internet shoe shopping

2 points

Introduction

Have you ever thought about buying a pair of shoes on your favorite web site? If this is your case, you may know that when you buy on Amazing™ most of the shoe sizes are stated in US size and you have to be really sure that you choose the correct size to fit your feet.

Of course there is a way to convert from EU size to US size and the rules are quite simple:

- For men shoes: subtract 34.5 from your EU size if your size is smaller than 44 or 35 if your size is 44 or higher
- For ladies shoes: subtract 31.5 from your EU size if your size is smaller than 40 or 32 if your size is 40 or higher

Now it is your time to build an automatic EU to US size converter.

No more returned shoes to Amazing™!

Input

The input will have two lines, the first one will be a letter, M for men shoes and L for ladies shoes. The second line will be the EU size.

```
M  
43
```

Output

The output will be the equivalent US size, with a single decimal!

```
8.5
```

