Problem 3: My Own Private Compression

Each word has a corresponding *numeronym*. According to *Wikipedia*, to transform a word to its numeronym, "the letters between the first and last are replaced by a number representing the number of letters omitted." For example, the numeronym for internationalization is i18n and the numeronym for supercalifragilisticexpialidocious is s32s. If a word has less than three letters, then its numeronym is the word itself.

Write a program which, given a list of words (one per line), computes and outputs each word's corresponding numeronym. You may assume that all input files are formatted correctly and that the words in the input contain no hyphens or other punctuation.

Sample input #1 (available as file "test3a.dat"):

```
accessibility
hi
consumability
```

Sample output #1:

accessibility - ally hi - hi consumability - clly

Sample input #2 (available as file "test3b.dat"):

bye canonicalisation documentation

Sample output #2:

bye - b1e
canonicalisation - c14n
documentation - d11n

Sample input #3 (available as file "test3c.dat"):

```
globalization
interoperability
a
internationalization
localisation
```

Sample output #3:

globalization - g11n interoperability - i14y a - a internationalization - i18n localisation - 110n