**Map-Reduce Psuedo-Code**

**Mapper:**

for word in sentence:

emit(first letter of word, letter count)

The Mapper will take the first letter of each word (key) and emit a value of the number of letters in each word (value).

**Reducer:**

for (unique letter):

emit(letter, average of letter count)

The reducer will take each unique letter (key) and emit the mean value of the letter counts of each word that starts with each unique letter.