If we care suffixes

1. reverse every dictionary word
2. reverse suffix we care about
3. the reverse suffixes are prefixes in the new trie of reversed words
   coming → gnimoc
   going → gniog
   reading → snidael

1. count all words start w/some prefix
2. count all words that can be formed scrabble tiles
3. which word has the most prefixes that are also words?
Problem #1

Just iterate down the following letters key syntax is

next 3 words -> a'j

array
Ascii values are consecutive

Problem 2: Scorable

Q IM IS

2 As, IE, IR, IT

freq 26

I 0 4 12 14 18 19

In my recursion update freq array 0

freq[i - 'a']++; when I go down path i

freq[i - 'a']++; Need to keep track

rest = rec(root -> next[i]);

rec call finishes of if I've used a
Problem #3

Intention
Intent
Intention

4 prefixes of Intention are words

\[ \text{ons} = \text{isflag} + \max (26 \text{ rec calls}) \]