

Replace words

"Cat"

1 million

dictionary = ["Cat", "bat", "act"]

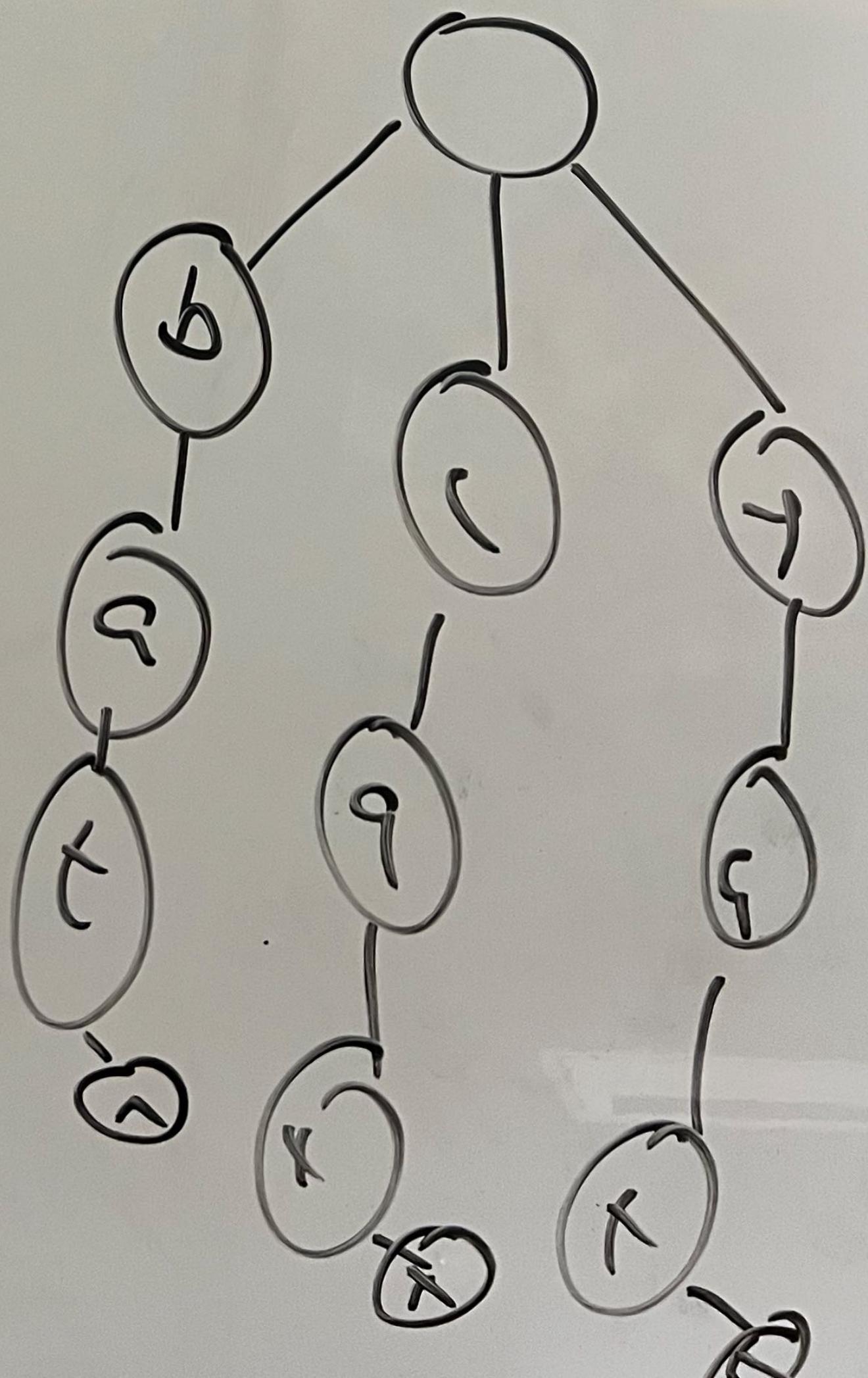
"The cattle was rattled by

battery" ↳

"IP" ↳

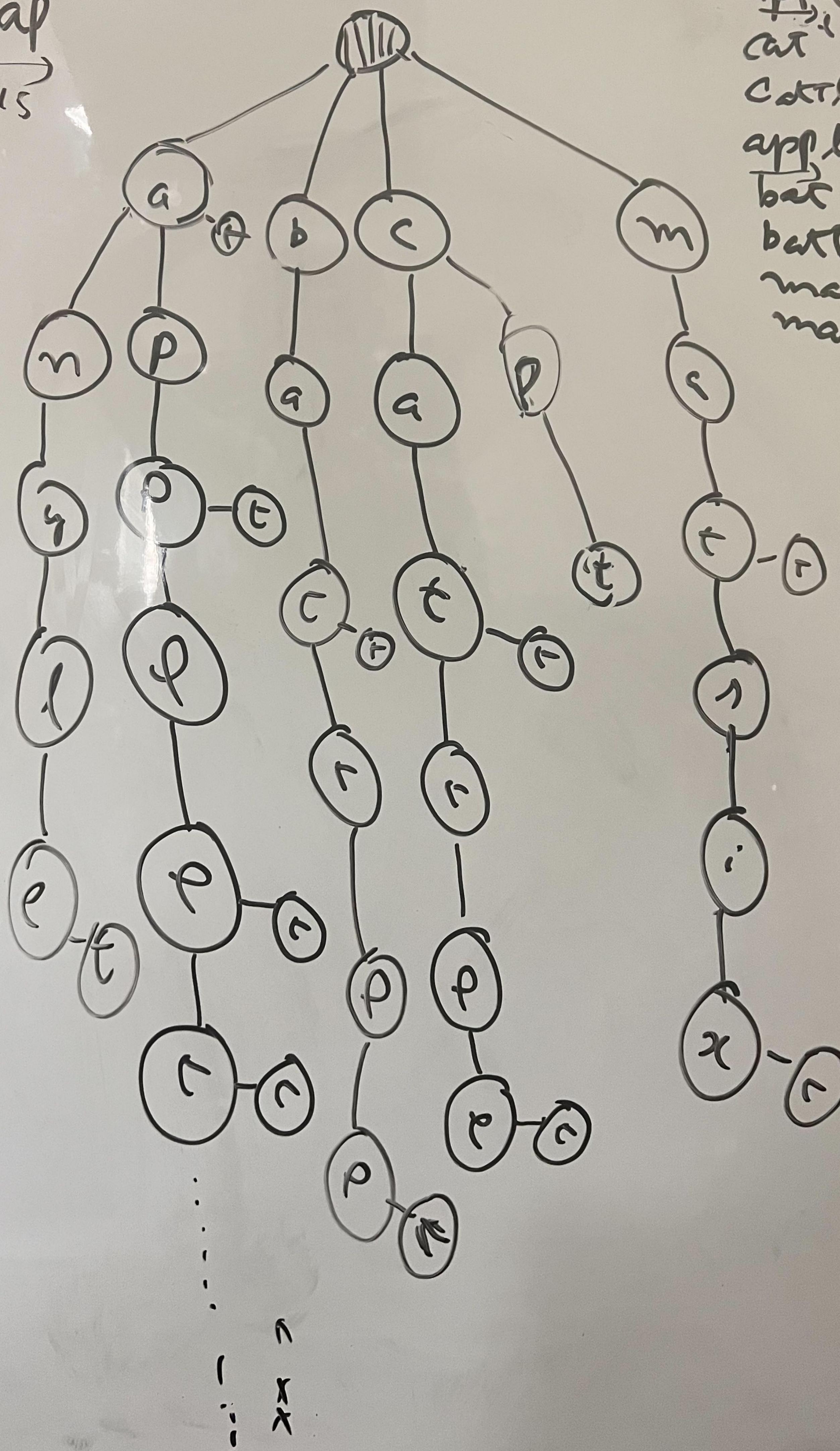
The cat was rat by

bat" ↳



Prefixed Tree (Tries)

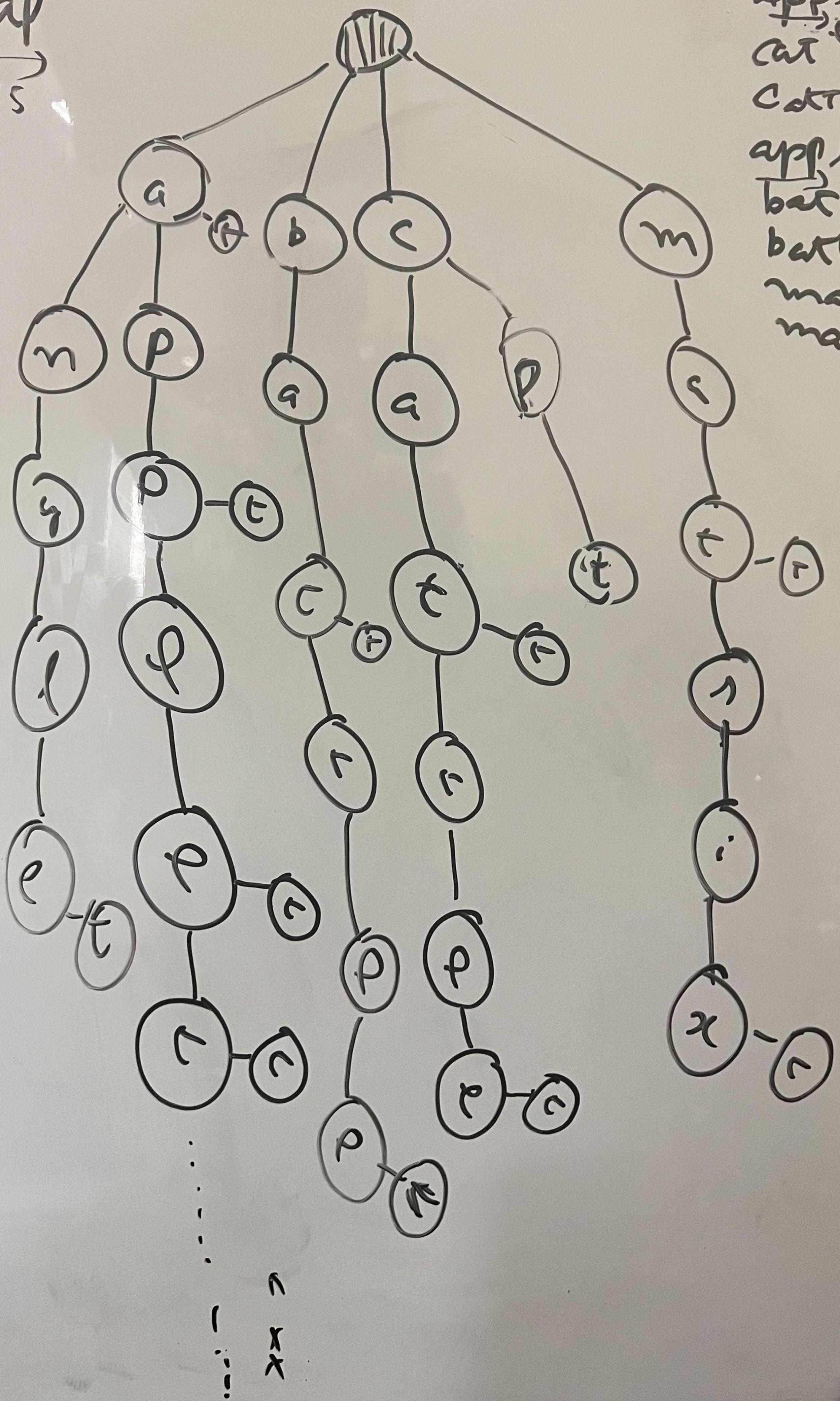
ap
→
15



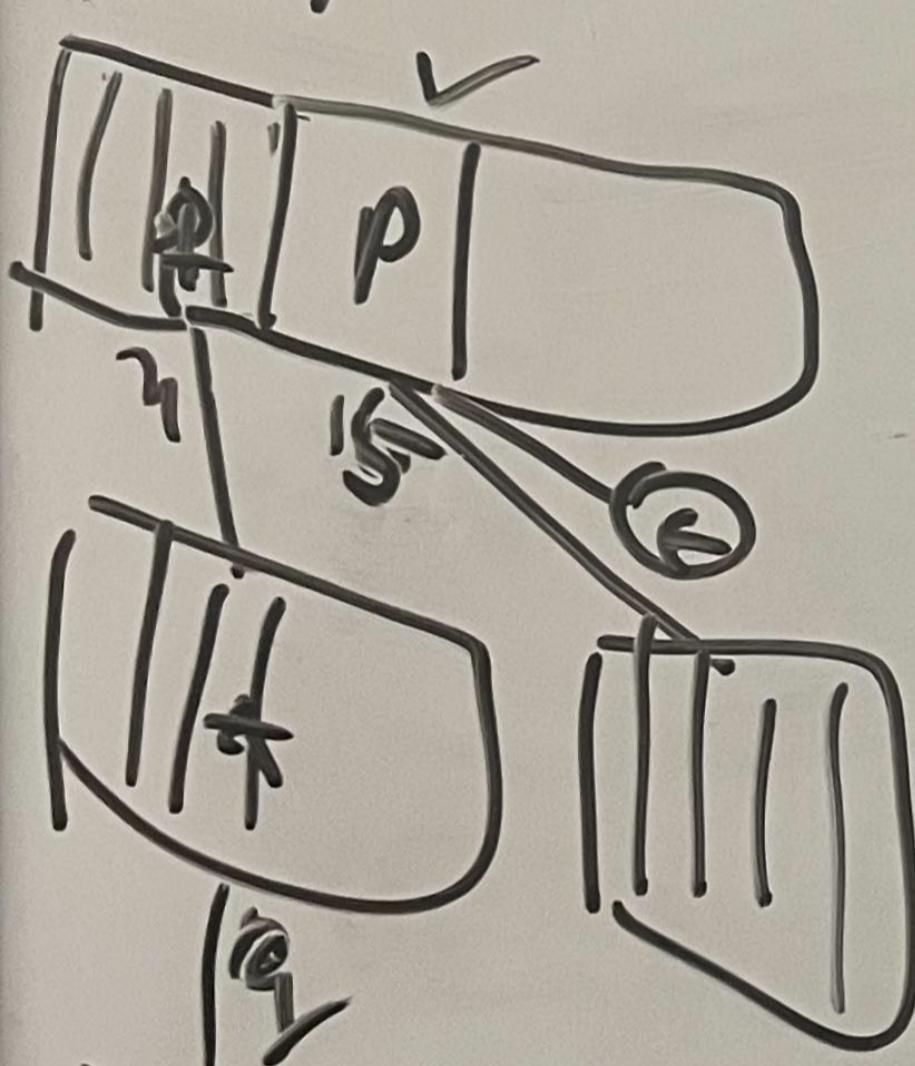
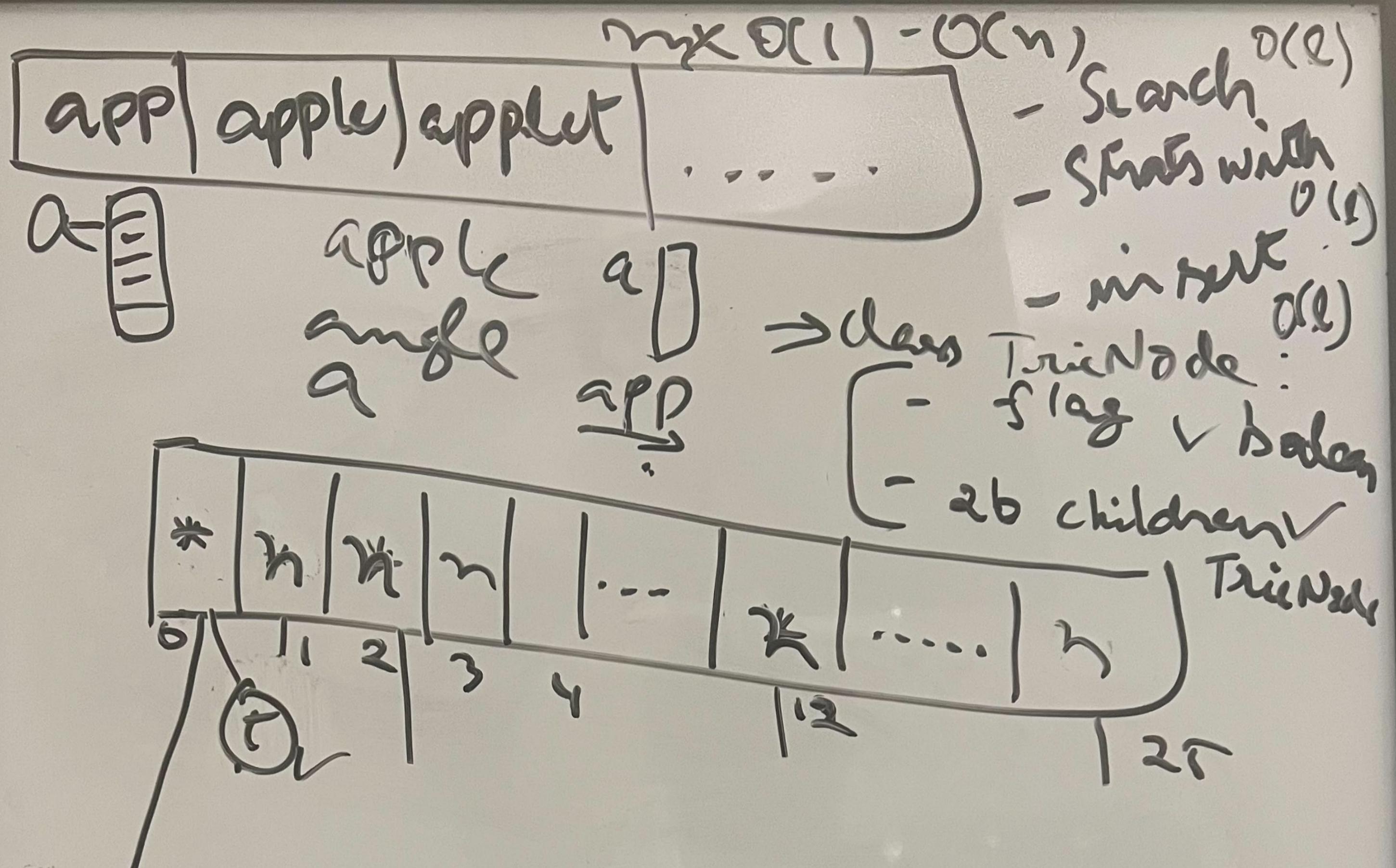
→ l
app
apple
cat
cattle
apple
bat
battle
matrix
mar

Prefixed Tree (Tries)

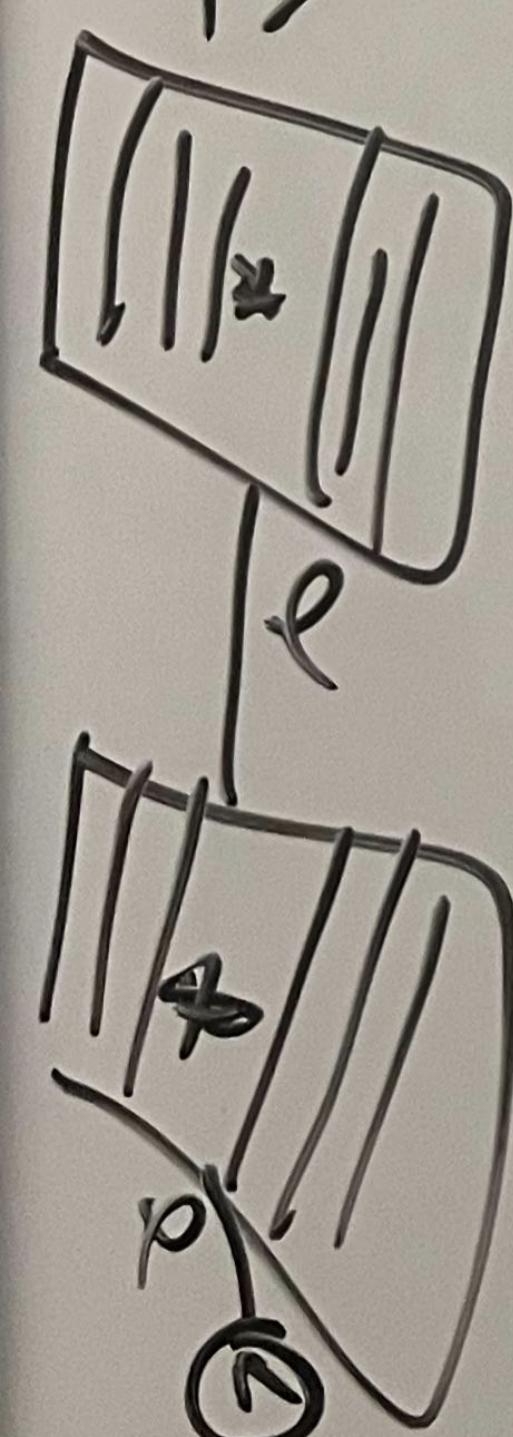
ap
→
is

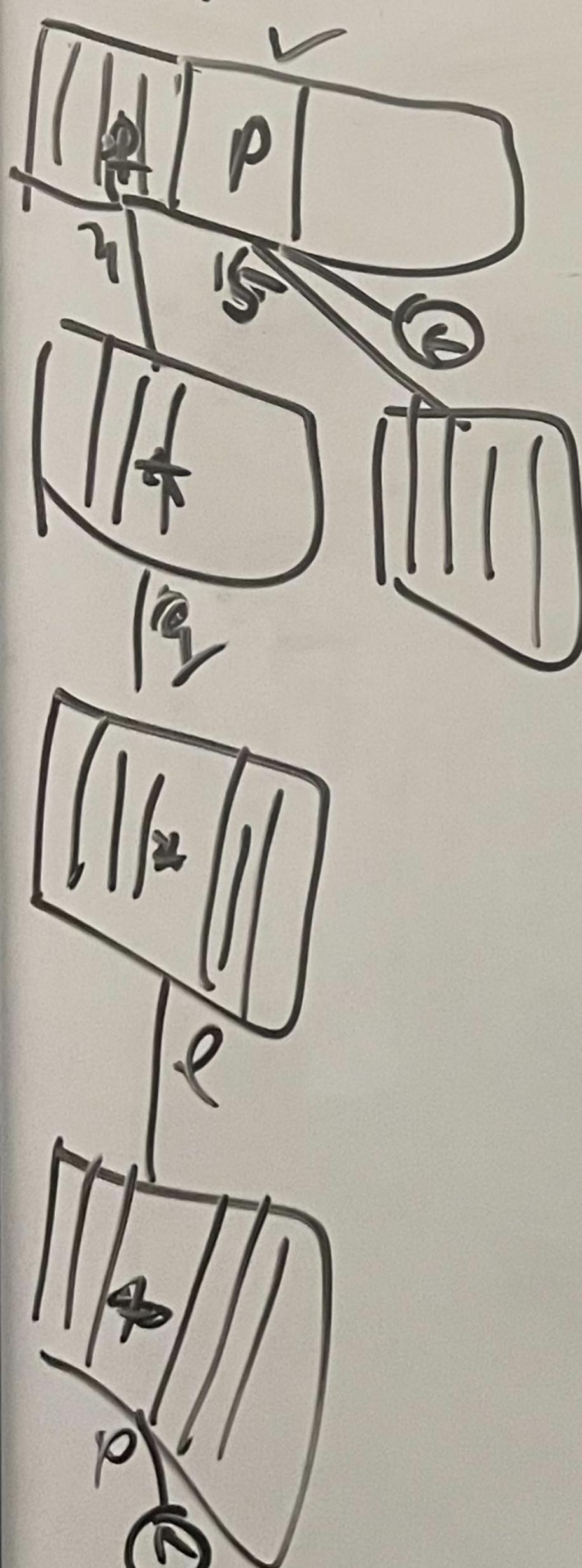
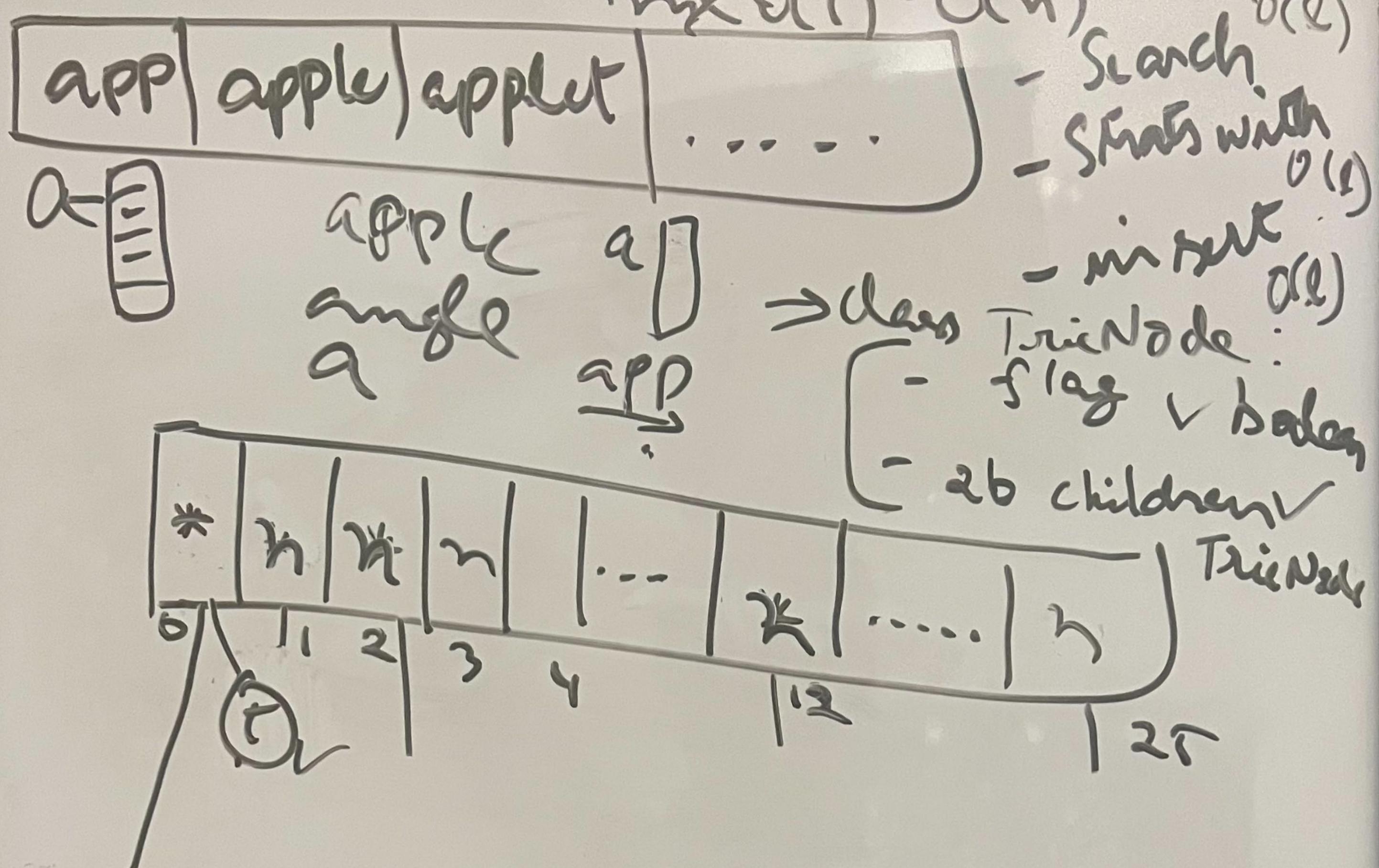


→ l
appel
apple
cat
Cattle
apple
bat
battle
matrix
map



apple
ord(c₁) - ord(c₂)
q +





apple

$ord(c_h) - ord(a')$

97