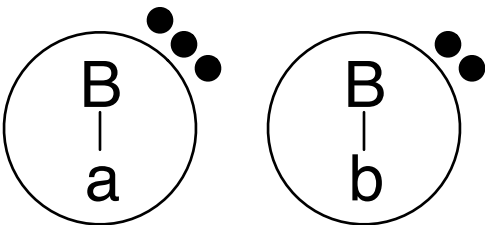


# Grammar

# Seating Assignments (nonterminal A)

$S \rightarrow AB$   
 $B \rightarrow \{a,b,c\}$   
A $\rightarrow B$



Yield      Parse      New Seating      Counts

ba

S

B

A

a

B

b

B

a

B

b

$g(B \rightarrow a) += 1$

$f(A \rightarrow b) += 1$

ca

S

B

A

a

B

c

B

a

B

b

B

c

$g(B \rightarrow a) += 1$

$g(B \rightarrow c) += 1$

$h(A \rightarrow c) += 1$

ab

S

B

A

b

B

a

B

a

B

b

B

a

$g(B \rightarrow b) += 1$

$g(B \rightarrow a) += 1$

$h(A \rightarrow a) += 1$