CNF Steps

2) Do step Z of converting the following CFG's into CNF by removing & rules.

2.b) 
$$V = \{5, A, B\}$$
,  $\{2 = \{a, b\}, S = 5, R = S \Rightarrow A\}$   
Remove  $B \Rightarrow E$ :  $\{S \Rightarrow A\}$   
 $\{A \Rightarrow AA \mid AB \mid B \mid a \mid A\}$   
 $\{B \Rightarrow BB \mid b\}$ 

3) Do step 3 on the following CFG's by removing whit rules.

3. a) 
$$V = \{5, A, B, 3, \xi = \{a, b\}, S = 5, R = \frac{5 - A}{A - 2 A A |AB| A |B| a B}$$
  
 $\Rightarrow Remove A - B, A - A, and S - A B - BB| Bb| b$ 

