

5. a.  $G_A = (\{S, A, B\}, \{a, b\}, P, S)$   
med regler P:

$$S \rightarrow A \mid B$$

$$A \rightarrow aA \mid B$$

$$B \rightarrow bBc \mid \epsilon$$

b.  $G_B = (\{S, C, D\}, \{a, b\}, P, S)$   
med regler P:

$$S \rightarrow CD$$

$$C \rightarrow aCb \mid \epsilon$$

$$D \rightarrow cD \mid \epsilon$$