Name _____

 $6.035~\mathrm{Spring}~2013$

Miniquiz#6

5 minutes

Eliminate left-recursion from these grammars:

$$S \rightarrow a$$

 $S \rightarrow S$ ',' a

$$\begin{array}{c} E \rightarrow ID \\ E \rightarrow E \ '+' \ E \end{array}$$