Chem 1515 InClass Exercise #2 Fall 2001

Name_____ TA Name _____

Lab Section #_____

The reaction,

$$H_2 + 2ICl \rightarrow I_2 + 2HCl$$

Is found to have the rate law;

Rate = $k[H_2]^1[ICl]^1$

Propose a mechanism that is consistent with this information.