Chem 1515
InClass Exercise \#2
Fall 2001
Name
TA Name $\qquad$
Lab Section \# $\qquad$

The reaction,

$$
\mathrm{H}_{2}+2 \mathrm{ICl} \rightarrow \mathrm{I}_{2}+2 \mathrm{HCl}
$$

Is found to have the rate law;

$$
\text { Rate }=\mathrm{k}\left[\mathrm{H}_{2}\right]^{1}[\mathrm{ICl}]^{1}
$$

Propose a mechanism that is consistent with this information.

