1. (6 pts) What are the three steps common to every electrophilic aromatic substitution (EAS) reaction?

   1. 

   2. 

   3. 

2. (4 pts) Provide a complete and detailed mechanism for an EAS reaction on benzene using a generic electrophile, $E^+$. You may use the generic base, $B_-$, to assist with any required proton transfers.

   $\text{C}_{6}\text{H}_{5}$ \[ \overset{E^+}{\rightarrow} \] \[ \text{C}_{6}\text{H}_{4}^- \]