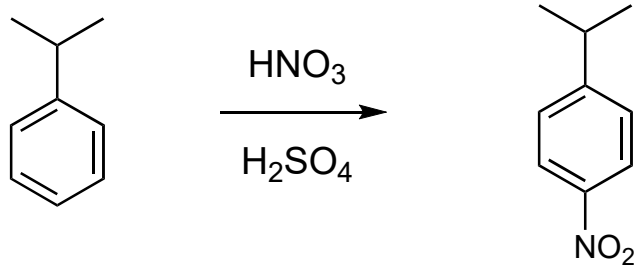
4A) (12 pts) Provide a complete mechanism for the formation of the following product. Pay close attention to details, including lone pairs, formal charges and the use of curved arrows. *You do not have to draw all resonance forms of every intermediate.*



4B) (6 pts) Considering the two hydrogens indicated on the given compound, which is the more acidic proton? Provide an **explanation** that compares both and use **appropriate drawings** to support your answer. (**no explain = no credit**)