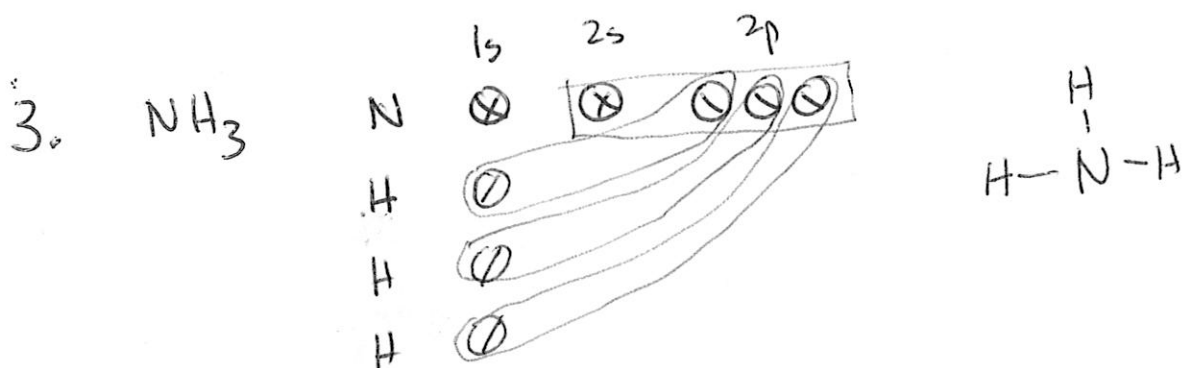
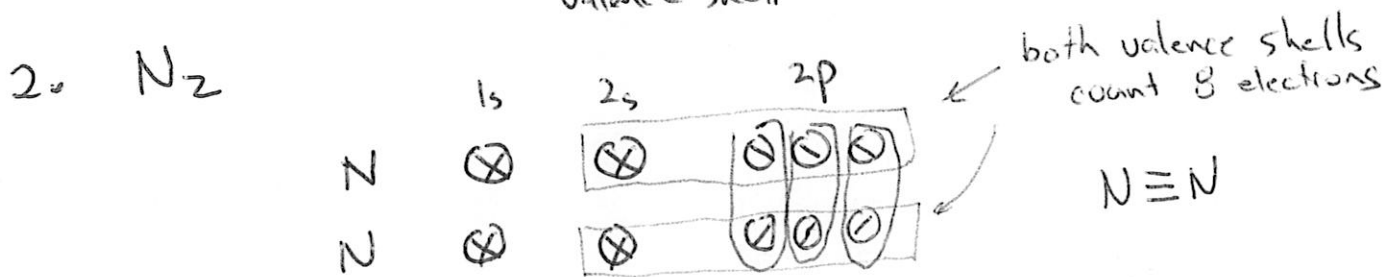
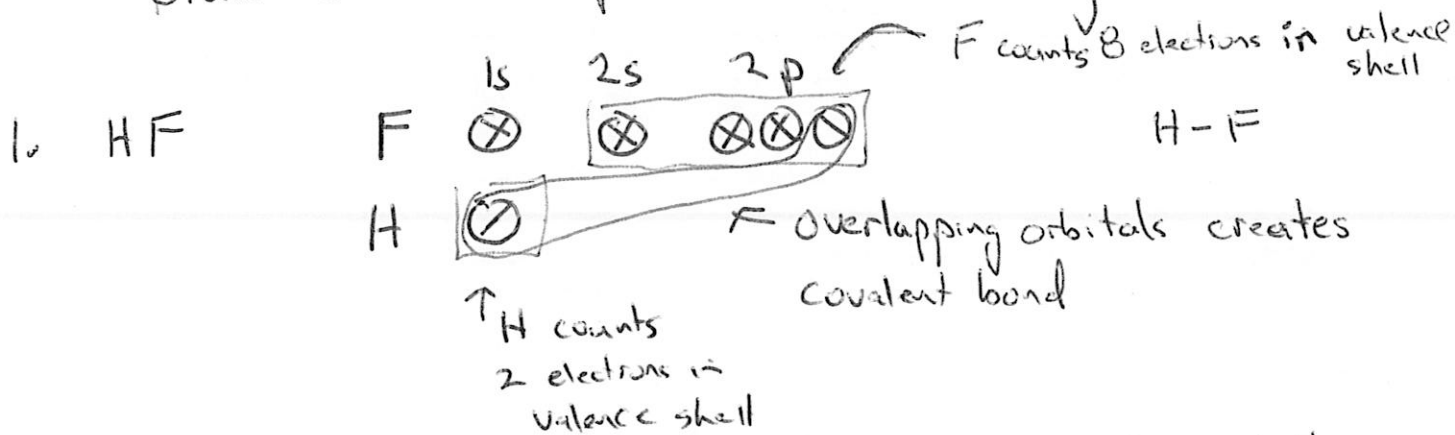


# KEY

Draw Orbital diagrams for the following molecules



4. Why do you think OH is so reactive. Which compound is more stable; the OH<sup>-</sup> ion or OH? Why?

