**Practice Sheet: Alkene Reactions and Aromatic Naming**

1. Give the major product(s) for each of the following reactions:







1. Write the arrow-pushing mechanism for the reaction in part b above. Write out all bonds, and non-bonded electron pairs, that are relevant. Use arrows to show the movement of electron pairs (for bonds forming, draw arrow from lone pair of electrons (or pi bond) to atom that forms the bond; for bonds breaking, draw arrow from center of bond to atom that receives lone pair of electrons).
2. Give the name for each of the following structures:

