1. Circle the major product for the following reactions. (2 points)

2. Identify the following compounds as aromatic, anti-aromatic or non-aromatic. (2 points)

3. Provide the major product(s) for the following reaction. (1 point)

4. Provide a mechanism to account for the following reaction. (5 points)

$$\frac{1}{AlCl_3}$$

$$\frac{1}$$