Quiz 4

1. (20 pts.) Determine the products of the following reactions

a.
$$\frac{H_2SO_4^*}{H_2O}$$

*Reaction is catylized by HgSO₄

b.
$$H_2SO_4$$
 H_2O

2. (20 pts.) Draw resonance structures for the following molecules.

3. (20 pts.) Draw resonance hybrids for the following resonance structures.