1a. Give the IUPAC name for the following molecule:

1b. Draw a Newman diagram of the molecule above with the carbon marked with an “f” in front and the carbon marked with a “b” in back. In this diagram, the two isopropyl groups should be anti.

2a. Draw the other chair conformation (flip the chair) of the following molecule:

2b. Circle the most stable chair in the above question.

Extra credit for exam (I forgot to put it on...I'll add it to your exam score.) Including the one drawn here, how many resonance forms are there for the following molecule? (Do not draw them)