

Names of all students (please print) \_\_\_\_\_

CHEM 243 Organic Chemistry I

BONUS POINTS \_\_\_\_\_ (10 max)

## BONUS QUESTION!

**Please Read:** Complete the following Bonus Question with the students in your group. You may NOT ask for help from the Peer Leaders, although you can ask Dr. Brush for clarification on any questions.

**You must work together with your group!**

### Electrophilic Addition Mechanism:

**Acid Catalyzed Addition of an Alcohol to an Alkene with Rearrangement (4 steps).** Write a complete mechanism that explains the formation of all products in the balanced net reaction shown below. Your mechanism must consist of a series of individual, balanced chemical equations, and curved arrows to show electron pair movement.

