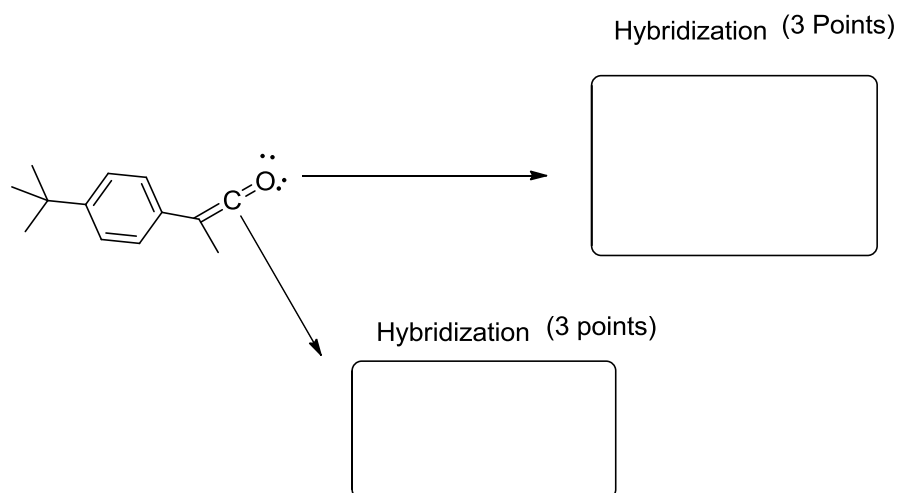


Quiz 1

Chemistry 143

Name

- 1) Fill in the hybridization of the below structure at the indicated carbon atom and oxygen atom.



- 2) What is the molecular formula of the above compound (3 points)?

C ___ H ___ O ___

- 3) What is the number of pi electrons in the above compound (3 points)?

- 4) Write the Lewis dot structure for the following compounds don't forget to draw in all the non-bonding electrons and assign formal charges if needed (3 points each).

HNO₃

HCN

- 5) Draw the line segment structure for 2,2-dichlorohexane (3 points).

- 6) Name the following compound (4 points).

