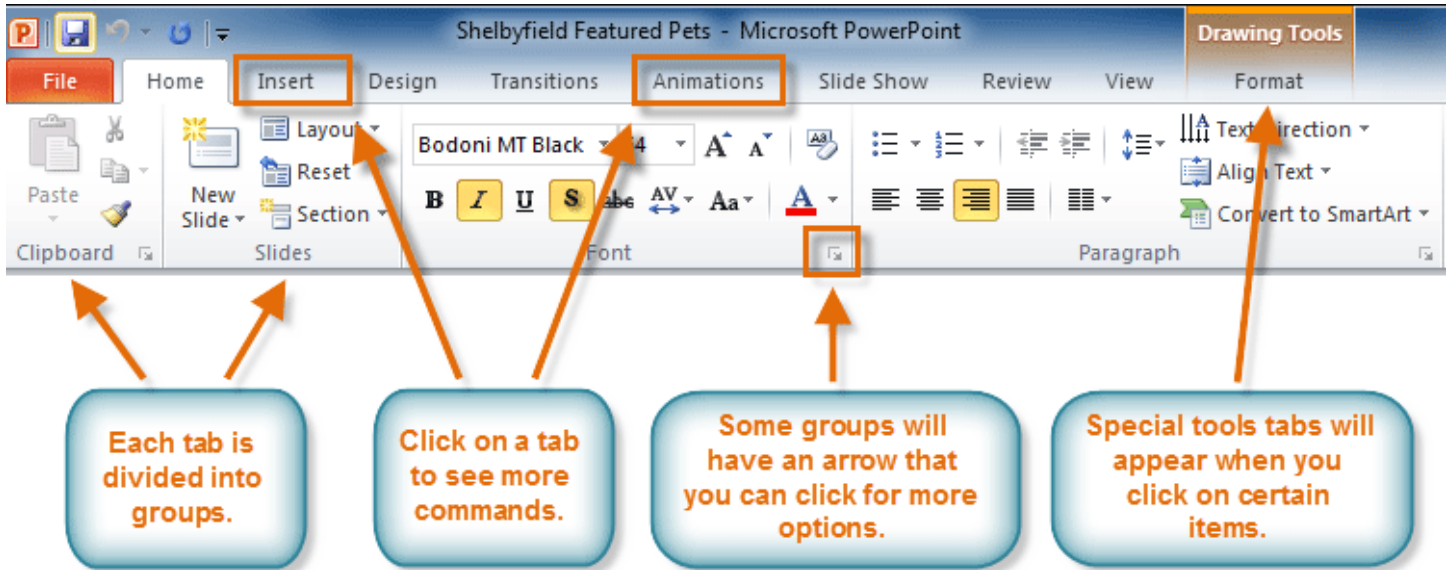
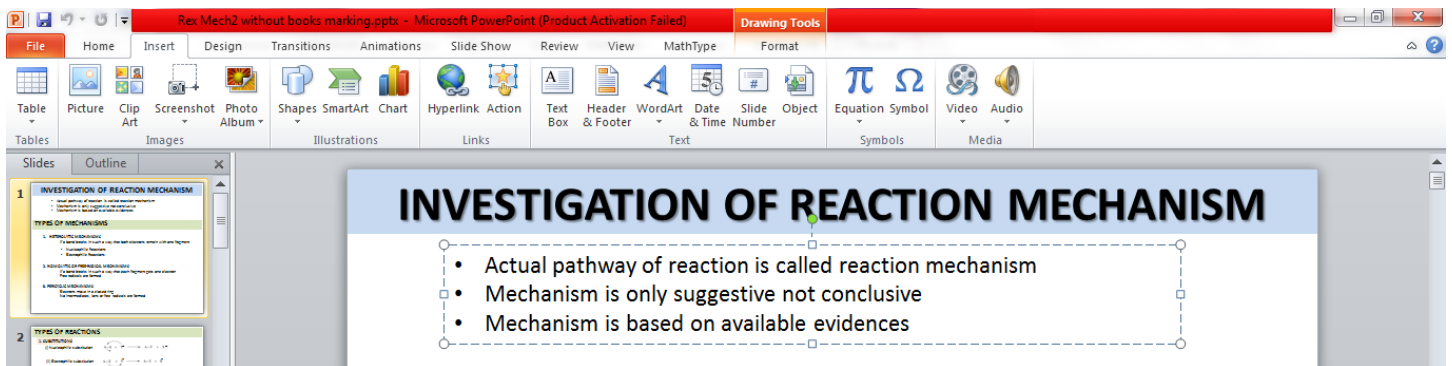
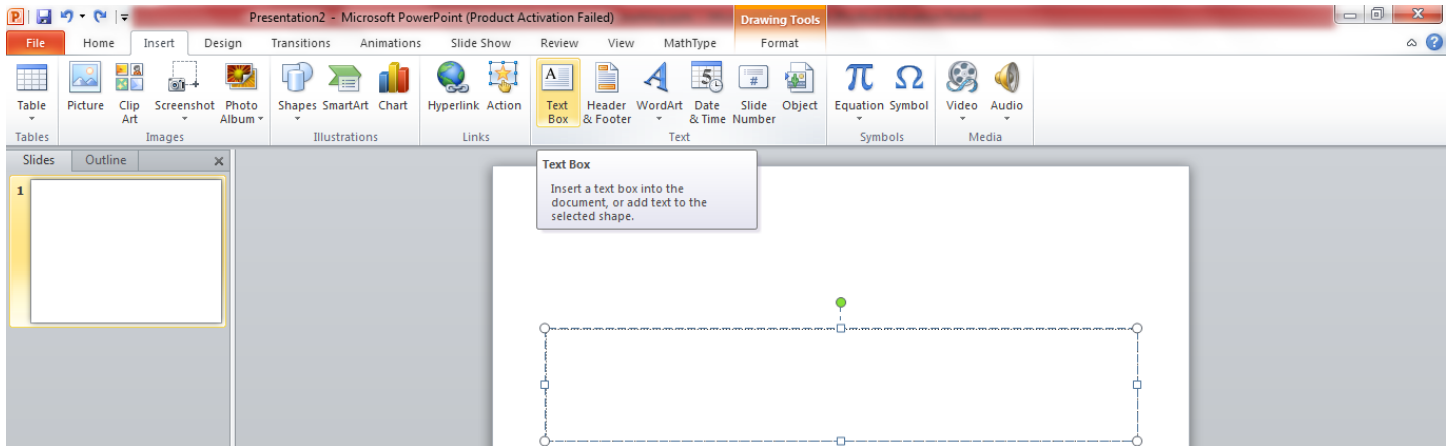


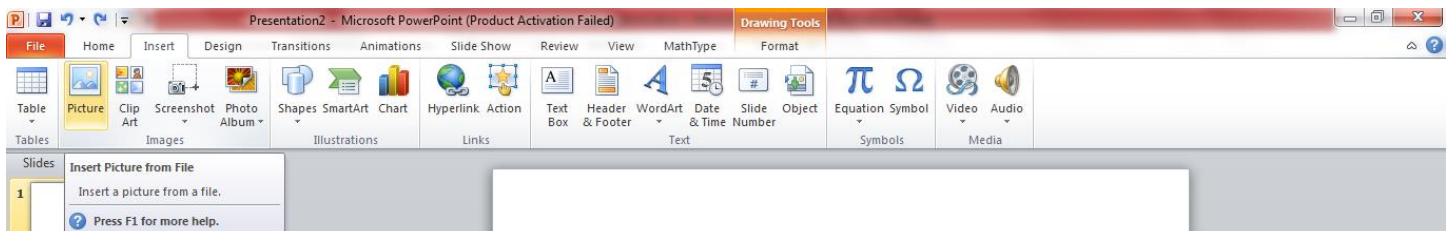
MICROSOFT POWERPOINT



1. Text Handling



2. Image/Table Handling



3. Animations/Slide Show

1. Nature of Products

- All major and minor products must be identified correctly
- A mechanism must account for all major and minor products of the reaction
- Any mechanism that failed to account for all products would be incorrect.

4 Example 1: Halogenation of Methane

- Small amount of ethane is also produced as minor product.
- A mechanism must account for the formation of ethane.

7 Example 2: Dimerization of triphenyl methyl free radical

8 $2 (\text{C}_6\text{H}_5)_3\dot{\text{C}} \longrightarrow (\text{C}_6\text{H}_5)_3\text{C}-\text{C}(\text{H}_5\text{C}_6)_3$

9 NMR spectroscopy Aromatic Protons: 30

10 $2 (\text{C}_6\text{H}_5)_3\dot{\text{C}} \longrightarrow (\text{C}_6\text{H}_5)_3\text{C}-\text{C}(\text{H}_5\text{C}_6)_2$

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