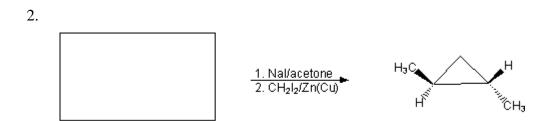
## Quiz 23

1. (CH<sub>3</sub>)<sub>3</sub>CO<sup>\*</sup>K<sup>+</sup>
2. CHB<sub>6</sub>(KOH



4.  $\begin{array}{c} CH_{3} \\ CH_{3}CH_{2} \end{array} C = C \begin{array}{c} H \\ CH_{3} \\ CH_{3} \end{array} \begin{array}{c} MCPBA \ / \ CCI_{4} \\ CH_{3} \\ \hline \\ OSO_{4}/H_{2}O_{2} \\ \hline \\ 2. \ (CH_{3})_{2}S \end{array}$ 

6. Explain the formation of each product of the following reaction with a mechanism.

Use curved arrows to indicate electron flow, and show all intermediates and formal charges.

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