

What is formed when the calcium or barium salt of a dicarboxylic acid is distilled?  
a cyclic ketone

The chemical reactions which take place in the presence of light are called photochemical reactions.

A cyclic ketone can be reduced into the corresponding cycloalkane Using zinc amalgam

Hydrogenation of an alkene using nickel catalyst but relatively higher temperature and pressure is called Sabatier-Senderen's reaction

The replacement of hydrogen atom(s), from an alkane molecule, by halogen atom(s) is called?  
halogenation

Lithium aluminium hydride,  $\text{LiAlH}_4$ , is \_\_\_\_\_  
a reducing agent

The process of eliminating  $\text{CO}_2$  from a carboxylic acid is known as decarboxylation

Chlorination of methane produces a mixture of the following except chloromethane

The yield of the monosubstituted product may increase by using an Excess of alkane

Alkyl halide in ether reacts with magnesium to form \_\_\_\_\_  
Grignard reagent