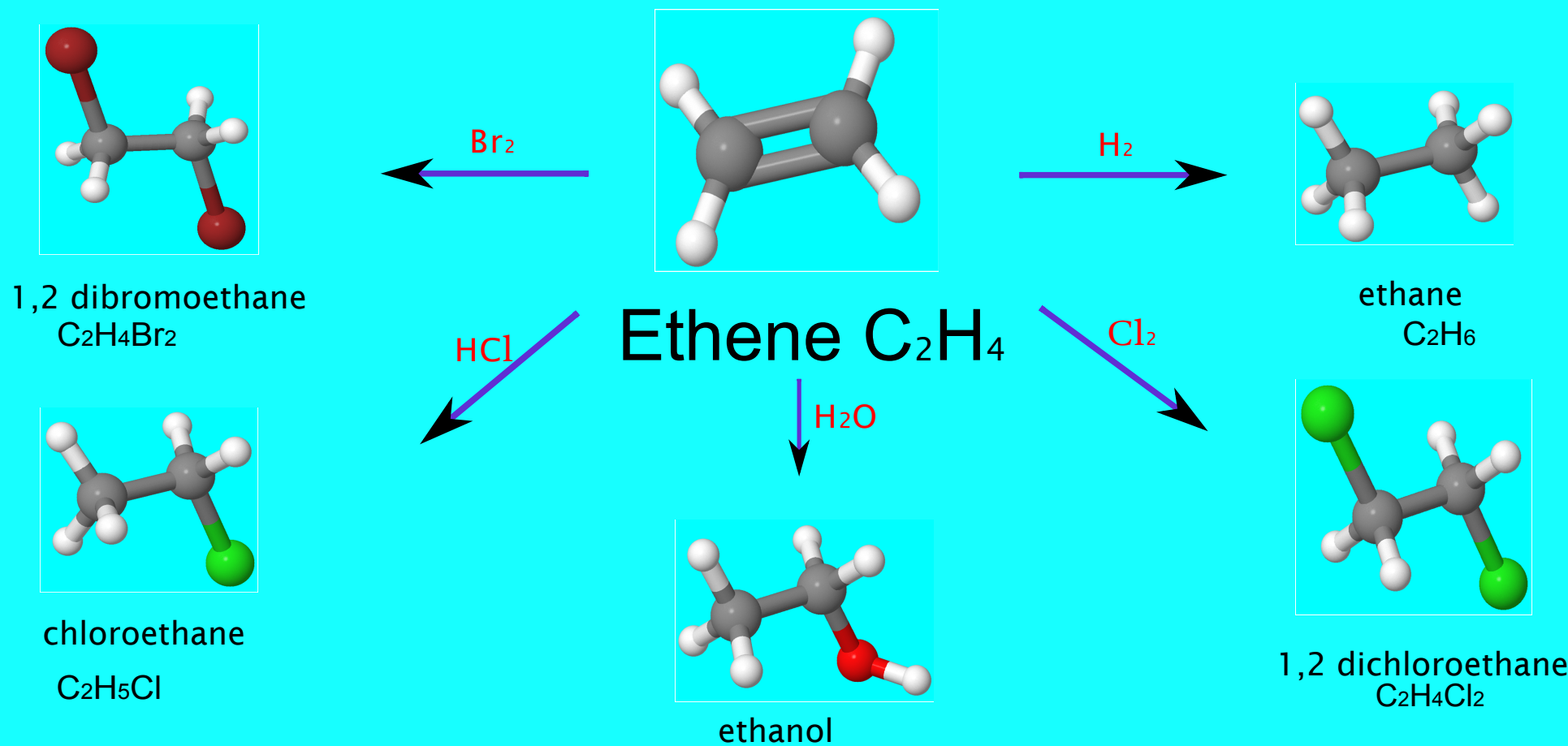


Types of Organic Reactions. 1

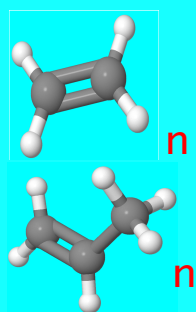
Addition reactions :-an addition reaction occurs when two reactants react to form one single product. These reactions are typical of unsaturated compounds such as alkenes. One of the carbon-carbon double bond comes undone and two new single bonds are formed with the reagent. The two planar carbons of the double bond become tetrahedral.



Addition polymerisation

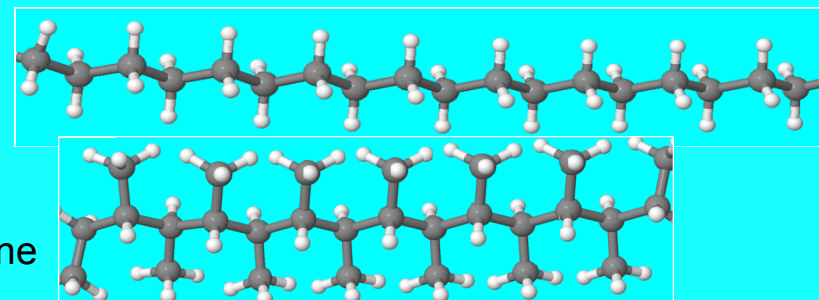
Ethene polymerises to polyethene or polythene [used to make plastic bags]

Propene polymerises to polypropene [used in toys, plastic beakers, ropes etc.]



C_2H_5OH

Polythene



Polypropene