

**THIRUVANANTHAPURAM EDUCATIONAL DISTRICT**  
**CHEMISTRY X**  
**CHAPTER7 MODULE1**

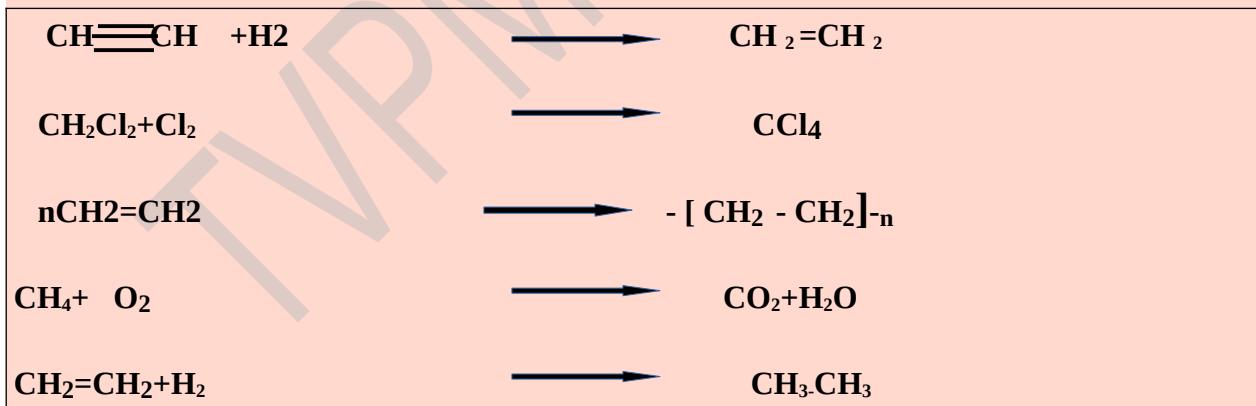
**CW18EM**

**ANSWERKEY**

**1. Match the following:**

Reactants	Products	Name of reaction
$\text{CH}_3-\text{CH}_3 + \text{Cl}_2$	$\text{CH}_3-\text{CH}_2\text{Cl} + \text{HCl}$	Substitution reaction
$\text{C}_2\text{H}_6 + \text{O}_2$	$\text{CO}_2 + \text{H}_2\text{O}$	Combustion
$n\text{CH}_2=\text{CH}_2$	$-\text{[CH}_2-\text{CH}_2]_n-$	Polymerisation
$\text{CH}_3-\text{CH}_2-\text{CH}_3$	$\text{CH}_2=\text{CH}_2 + \text{CH}_4$	Thermal cracking
$\text{CH}_2=\text{CH}_2 + \text{H}_2$	$\text{CH}_3\cdot\text{CH}_3$	Addition reaction

**2. Complete the table:**



### 3 Complete the table

Monomer	Polymer	Use
Vinyl chloride	Polyvinylchloride	Manufacture of pipes ,taps etc.
Ethene	Polythene	Manufacture of cover,bags etc.
Isoprene	Natural rubber(Poly isoprene)	Tubes,tyres belt etc.
Tetrafluroethene	Teflon	Coating on the innersurface of nonstick utensils

4.

