

Chem!stry

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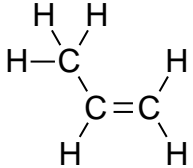
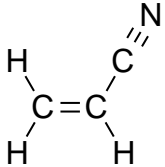
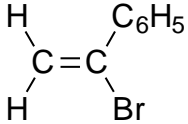
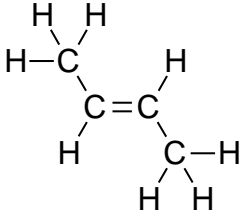
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Organic Chemistry – Addition Polymerisation

- **Instructions:** For each monomer, give the full structural formula of the polymer that it would form as well as the repeating unit for the polymer.

	Monomer	Full Structural Formula of Polymer Showing Three Repeating Units	Repeating Unit
1.	$\begin{array}{c} \text{H} & & \text{H} \\ & \diagdown & / \\ & \text{C}=\text{C} \\ & / & \diagdown \\ \text{H} & & \text{H} \end{array}$		
2.	$\begin{array}{c} \text{Cl} & & \text{H} \\ & \diagdown & / \\ & \text{C}=\text{C} \\ & / & \diagdown \\ \text{H} & & \text{H} \end{array}$		
3.	$\begin{array}{c} \text{F} & & \text{F} \\ & \diagdown & / \\ & \text{C}=\text{C} \\ & / & \diagdown \\ \text{F} & & \text{F} \end{array}$		

	Monomer	Full Structural Formula of Polymer Showing Three Repeating Units	Repeating Unit
4.			
5.			
6.			
7.			

- Scan the QR code given below for the answers to this assignment.



http://www.chemist.sg/polymers/addition_polymer_ans.pdf