

Chemistry 1 a Week Activity		Higher	4 th Week
Name:		Class: 	
Draw the structure of propene. Show all bonds.	Describe the test to show that a gas is ammonia.		
When decane undergoes complete combustion, a mixture of carbon dioxide and water is formed. Complete the balanced equation for this reaction. $2\text{C}_{10}\text{H}_{22} + \dots\dots \text{O}_2 \rightarrow \dots\dots \text{CO}_2 + \dots\dots \text{H}_2\text{O}$			
In an experiment to produce lead, 7.67 g of lead was obtained. The theoretical yield of lead for the experiment is 8.80 g. Calculate the percentage yield of lead in this experiment. 			
Describe what is meant by a covalent bond.	State the method used to extract aluminium. 		
Name the two substances used to test for the presence of halide ions. 1. 2.	State the formula of a hydrogencarbonate ion. 		
Name the polymer made from propene.	Give the formula for sodium carbonate. 		
Give the electronic configuration of a magnesium ion. 	Give the electronic configuration of a chloride ion. 		
How do ionic compounds such as sodium chloride conduct electricity? 			