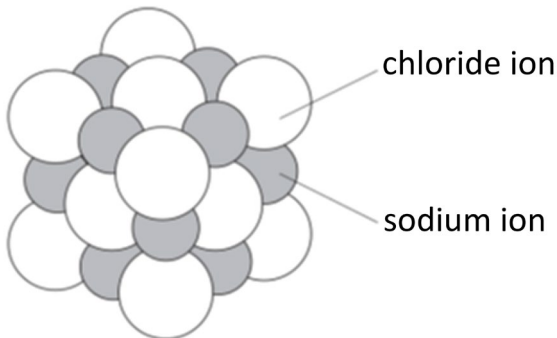


Chemistry 1 a Week Activity		Foundation	21 st Week
Name:		Class: 	
The reaction below: acid + metal carbonate → Produces what three products? 1. 2. 3.	The formula for sodium sulfate is: A NaSO₄ B Na(SO₄)₂ C Na₂SO₄ D Na₂(SO₄)₂		
This question is about sodium chloride.  i. Sodium chloride is an solid ii. Sodium chloride conducts electricity when it is or iii. What is the charge of the sodium and chlorine ions present in sodium chloride? 			
Balance the following equations involving acids. NH₃ + H₂SO₄ → (NH₄)₂SO₄ Mg(OH)₂ + ...HCl → MgCl₂ + ...H₂O			
How do metals conduct electricity? 	How is the R_f value of a chromatogram calculated? 		
Give the formula of a nitrate ion. 	Give the formula for a molecule of ammonia. 		
Explain, in terms of bonding, why diamond does not conduct electricity. 			