



KEC

K Education Centre



GCSE Chemistry SC5 - Edexcel

Ionic Bonding

Assignment Questions

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Year 2022

SC5: Ionic Bonding

Q1: What are ionic bonds?

Q2: What are anions and cations? Give example.

Q3: Write down the symbol for Aluminium ion. How many protons, neutrons and electrons are in the Aluminium ion?

Q4: What does the formula $\text{Fe}_3(\text{PO}_4)_2$ tells you about the compound and its structure..

Q5: Explain why ionic compounds have high melting and boiling points.

Q6: State the conditions for ionic compounds to conduct electricity.

Q7: If an ionic compound is insoluble in water , under what circumstances it can conduct the electricity.

Q8: Between Sodium Chloride (NaCl) and Magnesium Oxide (MgO) , which will have high melting point. State the reasons.