

IONIC BONDING

Level	Level Name	TOPICS COVERED					
		Net Compound Neutrality	Attraction and Repulsion	Single Cation to Anion Type	Cation to Anion Ratios	Polyatomic Ions	Lattice Structure
1T	Opposites attract	x	x		x		x
2T	Double the charge	x	x		x		x
3T	Neutrality for all	x	x	x	x		x
4T	An uneven ratio	x	x	x	x		x
5	On your own	x	x	x	x		x
6	1:2 versus 2:1	x	x	x	x		x
7	Polyatomic ions	x	x	x	x	x	x
8	Hydroxides	x	x	x	x	x	x
9	Phosphates	x	x	x	x	x	x
10	Mastering ionic bonds	x	x	x	x	x	x
SA1	Ionic compound using an Na ⁺ and Cl ⁻ ion	x	x	x	x		x
SA2	Ionic compound using a Ca ²⁺ and O ²⁻ ion	x	x	x	x		x
SA3	Ionic compound using Al ³⁺ and N ³⁻ ions	x	x	x	x		x
SA4	Ionic compound using a 2 ⁺ ion	x	x	x	x	x	x
SA5	Ionic compound using 3 ⁺ and 1 ⁻ ions	x	x	x	x		x
SA6	Ionic compound using 1 ⁺ and 3 ⁻ ions	x	x	x	x	x	x
SA7	Ionic compound using two 1 ⁻ ions	x	x	x	x	x	x
SA8	Ionic compound using Fe ³⁺ and SO ₄ ²⁻ ions	x	x	x	x	x	x
SA9	Ionic compound: K ₂ S	x	x	x	x		x
SA10	Ionic compound: Mg ₃ (PO ₄) ₂	x	x	x	x	x	x