

Name : _____ Date : _____

Ionic Bonding Worksheet

Write the products formed by each of the following pair of elements after an ionic reaction.

Pair of Elements	Ionic Compound Formed by Them	Name of the Compound
Na, Cl		
K, I		
Ca, S		
Mg, O		
Ca, Cl		
Mg, Cl		
K, F		
Al, Cl		
Na, O		
K, Br		
Mg, I		
Ba, I		
Sr, S		
Na, N		
Rb, P		

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Pair of Elements	Ionic Compound Formed by Them	Name of the Compound
Na, Cl	NaCl	Sodium Chloride
K, I	KI	Potassium Iodide
Ca, S	CaS	Calcium Sulfide
Mg, O	MgO	Magnesium Oxide
Ca, Cl	CaCl ₂	Calcium Chloride
Mg, Cl	MgCl ₂	Magnesium Chloride
K, F	KF	Potassium Fluoride
Al, Cl	AlCl ₃	Aluminium Chloride
Na, O	Na ₂ O	Sodium Oxide
K, Br	KBr	Potassium Bromide
Mg, I	MgI ₂	Magnesium Iodide
Ba, I	BaI ₂	Barium Iodide
Sr, S	SrS	Strontium Sulfide
Na, N	Na ₃ N	Sodium Nitride
Rb, P	Rb ₃ P	Rubidium Phosphide