

CHAPTER 4**Chemical Names and Formulas****BLM 2-14**

Goal • Review your understanding of chemical names and formulas.

What to Do

Complete the following table.

	Chemical Formula	Ionic or Covalent?	Name of Compound
1.	NH_4Cl		
2.			potassium sulphide
3.	Cl_4		
4.			calcium oxide
5.			ammonium chloride
6.	Li_3N		
7.	$\text{Mg}(\text{OH})_2$		
8.			zinc oxide
9.	CuNO_3		
10.			oxygen dichloride
11.	CuCl		
12.	FeCl_2		
13.			carbon tetrabromide
14.			aluminum chromate

Goal • Use this page to identify chemical compounds.

1. Complete the following table.

Name	Formula	Ionic or Covalent?
(a)	NaCl	
(b)	MgO	
(c) lithium iodide		
(d) carbon dioxide		
(e) strontium hydroxide		
(f)	K ₂ S	
(g)	CuBr ₂	
(h) sulphur trioxide		
(i)	Ba ₃ (PO ₄) ₂	
(j) aluminum hydroxide		
(k) oxygen difluoride		
(l)	NH ₄ CN	
(m)	Fe(NO ₃) ₃	
(n) gold(III) sulphate		
(o) iron(II) carbonate		
(p) carbon tetraiodide		
(q)	FeI ₃	
(r) dinitrogen trioxide		