

Name: _____

Chemical Formula

For each of the following molecules, state the type of atoms present and how many for each type of atom. Next provide a diagram of what the molecule might look like.

Molecule	Type of Atom	How Many	Diagram
H₂O	hydrogen	2	
	oxygen	1	
CO₂	carbon	1	
	oxygen	2	
NaCl	sodium	1	
	chlorine	1	
MgCl₂	magnesium	1	
	chlorine	2	
H₂	hydrogen	2	
O₂	oxygen	2	
C₆H₁₂O₆	carbon	6	
	hydrogen	12	
	oxygen	6	
K₃PO₄	potassium	3	
	phosphorus	1	
	oxygen	4	

Formula	Type of Atom	How Many
Al (NO₃)₃	aluminum	1
	nitrogen	3
	oxygen	9
(NH₄)₂CO₃	nitrogen	2
	hydrogen	8
	carbon	1
	oxygen	3
CuSO₄	copper	1
	sulphur	1
	oxygen	4
Al₂ (S₂O₅)₃	aluminum	2
	sulphur	6
	oxygen	15
Mg₃ (PO₄)₃	magnesium	3
	phosphorus	3
	oxygen	12
CuSO₄ ● 5H₂O	copper	1
	sulphur	1
	oxygen	9
	hydrogen	10