Elements, Molecules, & Compounds

Insert Chemical symbol/formulas HERE!



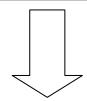
Are atoms BONDED?



YES NO

MOLECULE

ELEMENT



Is there more than 1 element?



YES



NO

Compound

MOLECULE

Chemical Formulas	Names of elements & How many of each
H_2 O	
Na Cl	
CO	
$C O_2$	
H Cl	
O_2	

Molecule Practice

H_2SO_4				
Number of Atoms of Element				
Total # atoms =				
Is it a commound?				
Is it a compound?				

H_2O				
Name of Element Number of Atoms of Element				
Total # of elements =	Total # atoms =			
Is it a compound?				

CO_2			
Name of Element	Number of Atoms of Element		
Total # of elements =	Total # atoms =		
Is it a compound?	·		

1.	Asa	Ω_{2}
≖•	7 10	\sim 3

$\mathbf{As_2O_3}$			
Name of Element	Number of Atoms of Element		
Total # of elements =	Total # atoms =		

Picture	of chemical formula As_2C),			
1 ictuic	of chemical formula As ₂ C	3			
	10 - 1				
Is this a	a compound? Explain why	or why not	•		

2. NaCN

NaCN			
Name of Element Number of Atoms of Element			
Total # of elements =	Total # atoms =		

iical formula N	NaCN			
,	ical formula I	ical formula NaCN	ical formula NaCN	ical formula NaCN

Is this a compound? Explain why or why not.

3. Zr₃PO₄

3. Zi 3i O4		
Zr ₃ PO ₄		
Name of Element	Number of Atoms of Element	

Total # of elements =	Total # atoms =	
Picture of chemical formula Zr₃P (${ m O_4}$	
Is this a compound? Explain why	or why not.	
4. CoF ₂		
4. CoF ₂	CoF ₂	
	CoF ₂ Number of Atoms of Element	
4. CoF ₂ Name of Element		
Name of Element		
Name of Element	Number of Atoms of Element	
Name of Element Total # of elements =	Number of Atoms of Element Total # atoms =	
Name of Element Total # of elements =	Number of Atoms of Element Total # atoms =	
Name of Element Total # of elements = Picture of chemical formula $\mathbf{CoF_2}$	Number of Atoms of Element Total # atoms =	
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