

Molecules Homework

Fill in the chart below with the correct number of atoms of each element in the compound.

Compound	Formula	Number of atoms of each element in the molecule
Sodium Chloride	NaCl	Na – 1 Cl - 1
Chlorine gas	Cl ₂	
Ozone	O ₃	
Hydrochloric acid	HCl	
Carbon dioxide	CO ₂	
Magnesium chloride	MgCl ₂	
Carbon tetrachloride	CCl ₂	

Answer questions on the back, using complete sentences.

1. Which molecules are compounds?
 2. Which molecules are pure elements?
 3. Which is larger, an atom or a molecule? Explain your answer.
 4. How are oxygen and ozone alike? Different?
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