



# SUBSTANCES & PARTICLES 2

For each of the following substances, identify the structure type of the particles it contains.

Substance	Formula	Structure type					Particles
		Monatomic	Simple molecular	Giant covalent	Ionic	Metallic	
hydrogen	H <sub>2</sub>						
nitrous oxide	N <sub>2</sub> O						
hydrazine	N <sub>2</sub> H <sub>4</sub>						
aluminium oxide	Al <sub>2</sub> O <sub>3</sub>						
copper sulfate	CuSO <sub>4</sub>						
carbon dioxide	CO <sub>2</sub>						
lead	Pb						
radon	Rn						
sodium bromide	NaBr						
tin	Sn						
sulfur trioxide	SO <sub>3</sub>						
nickel	Ni						
potassium oxide	K <sub>2</sub> O						
propane	C <sub>3</sub> H <sub>8</sub>						
potassium nitrate	KNO <sub>3</sub>						
calcium chloride	CaCl <sub>2</sub>						
chloroethene	C <sub>2</sub> H <sub>3</sub> Cl						
phosphorus	P <sub>4</sub>						
krypton	Kr						
silicon	Si						
nickel nitrate	Ni(NO <sub>3</sub> ) <sub>2</sub>						
calcium hydroxide	Ca(OH) <sub>2</sub>						
ethylamine	C <sub>2</sub> H <sub>5</sub> NH <sub>2</sub>						
calcium carbonate	CaCO <sub>3</sub>						
magnesium fluoride	MgF <sub>2</sub>						
bismuth	Bi						
sucrose	C <sub>12</sub> H <sub>22</sub> O <sub>11</sub>						
molybdenum	Mo						
astatine	At <sub>2</sub>						