



SUBSTANCES & PARTICLES 1

Substance	Formula	Structure type					Particles
		Monatomic	Simple molecular	Giant covalent	Ionic	Metallic	
sulfur	S ₈		✓				molecules
magnesium	Mg					✓	ions & delocalised electrons
hydrogen sulphide	H ₂ S		✓				molecules
neon	Ne	✓					atoms
ammonia	NH ₃		✓				molecules
ammonium chloride	NH ₄ Cl				✓		ions
calcium bromide	CaBr ₂				✓		ions
silicon dioxide	SiO ₂			✓			atoms
silver nitrate	AgNO ₃				✓		ions
sodium hydroxide	NaOH				✓		ions
magnesium oxide	MgO				✓		ions
nitrogen dioxide	NO ₂		✓				molecules
xenon	Xe	✓					atoms
bromine	Br ₂		✓				molecules
copper carbonate	CuCO ₃				✓		ions
aluminium	Al					✓	ions & delocalised electrons
ethane	C ₂ H ₆		✓				molecules
glucose	C ₆ H ₁₂ O ₆		✓				molecules
sodium sulphide	Na ₂ S				✓		ions
methylamine	CH ₃ NH ₂		✓				molecules