

Science 9 Assignment Mixed Bag of Nomenclature



Instructions:

1) Identify the compound as Ionic (I) or Molecular

2) Use IUPAC rules to name the compound

IUPAC Formula	I, or M	IUPAC Name	IUPAC Name	I,or M	IUPAC Formula
CO ₂	M	carbon dioxide	Nitrogen	m	N ₂
AuCl ₃	I	gold(III)chloride	zinc chloride	I	ZnCl ₃
N ₄ O ₆	m	tetranitrogen hexaoxide	barium selenide	I	BaSe
NO ₂	m	Nitrogen dioxide	dichloride monoxide	M	Cl ₂ O
NaCl	I	sodium chloride	potassium oxide	I	K ₂ O
ZnBr ₂	I	zinc bromide	beryllium sulfide	I	BeS
P ₃ Se	m	triphosphorus monoselenide	ozone	I	O ₃
Sr ₃ N ₂	I	strontium nitride	lithium iodide	I	LiI
C ₂ F ₅	m	dicarbon pentafluoride	phosphorus pentachloride	m	PCl ₅
H ₂ O ₃	m	dihydrogen trioxide	disulfur pentaoxide	m	S ₂ O ₅
BeO	I	Beryllium Oxide	calcium selenide	I	CaSe
Al ₂ O ₃	I	aluminium oxide	silver nitride	I	Ag ₃ N
Li ₂ O	I	lithium oxide	dinitrogen tetrafluoride	m	N ₂ F ₄
NH ₃	m	nitrogen trihyride	strontium phosphide	I	Sr ₃ P ₂
Cl ₂ O ₄	m	dichlorine tetraoxide	cesium nitride	I	Cs ₃ N
H ₂ O	m	water	rubidium phosphide	I	Rb ₃ P
C ₁₂ H ₂₂ O ₁₁	m	sucrose	trioxygen monochloride	m	O ₃ Cl
SiC	m	silicon carbide	sucrose	m	C ₁₂ H ₂₂ O ₁₁
H ₃ S ₅	m	trihydrogen pentasulfide	Bromine	m	Br ₂
Sc ₂ O ₃	I	scandium oxide	tribromine hexachloride	m	Br ₃ Cl ₆
CH ₃	m	carbon trihyride	Sodium Bromide	I	NaBr
ZnF ₂	I	zinc fluoride	carbon monoxide	m	CO
F ₂ O ₃	m	difluorine trioxide	Calcium Oxide	I	CaO
KCl	I	potassium chloride	diflourine sulfide	m	F ₂ S
PbO ₂	I	lead(IV)oxide	phosphorus	m	P ₄ or P ₈