

IONIC COMPOUNDS QUIZ REVIEW SOLUTIONS

Name/write formulas for all the compounds and... ☺ = do an ion transfer diagram ★ = do a Lewis diagram

Answers in red

chlorine monoxide	NF ₃	sulfur hexafluoride	Pb ₂ O ₁
Cl ₂ O ₁	Nitrogen trifluoride	SF ₆	Lead (II) iodide
☺ Al ₂ O ₃	nitrogen monosulfide	Ag ₁ (CN) ₁	chromium (ii) phosphide
Aluminum oxide	NS	Silver cyanide	Cr ₃ P ₂
W ₁ P ₂	(NH ₄) ₁ (OH) ₁	FeCl ₃	W ₂ (SiO ₄) ₃
Tungsten phosphide	Ammonium hydroxide	Iron (III) chloride	Tungsten orthosilicate
platinum (ii) borate	☺ Mg ₁ I ₂	cadmium nitrate	magnesium borate
Pt ₃ (BO ₃) ₄	Magnesium iodide	Cd ₁ (NO ₃) ₂	Mg ₃ (BO ₃) ₂
osmium (iv) sulfide	ammonium cyanide	Fe ₂ (SiO ₄)	BN
O ₈ S ₂	(NH ₄) ₁ (CN) ₁	Iron (II) orthosilicate	Boron mononitride
☺ Ba ₁ O ₁	gold (iii) nitrate	ammonium sulfide	zinc bromide
Barium oxide	Au ₁ (NO ₃) ₃	(NH ₄) ₂ S ₁	ZnBr ₂
diphosphorus pentoxide	Cu ₄ (P ₂ O ₇) ₁	N ₂ O ₃	★CO
P ₂ O ₅	Copper (I) pyrophosphate	Dinitrogen trioxide	Carbon monoxide
P ₂ S	In ₂ (SO ₄) ₃	lithium sulfate	Diphosphorus monoxide
Diphosphorous monosulfide	Indium sulfate	Li ₂ (SO ₄) ₁	P ₂ O
disulfur dichloride	copper (i) chloride	molybdenum orthosilicate	Pu ₁ S ₂
S ₂ Cl ₂	CuCl	Mo ₂ (SiO ₄) ₃	Plutonium (IV) sulfide
★SiO ₂	Th ₁ (SO ₄) ₂	(NH ₄) ₃ P ₁	Fe ₄ (P ₂ O ₇) ₃
Silicon dioxide	Thorium sulfate	Ammonium phosphide	Iron (III) pyrophosphate
★silicon tetrafluoride	zirconium oxide	tungsten sulfate	plutonium (vi) phosphate
SiF ₄	ZrO ₂	W(SO ₄) ₃	Pu ₁ (PO ₄) ₂
uranium (vi) phosphide	★ S ₂ Cl ₂	uranium (vi) pyrophosphate	silver phosphide
U ₁ P ₂	Disulfur dichloride	U ₂ (P ₂ O ₇) ₃	Ag ₂ P ₁
U ₂ (P ₂ O ₇) ₃	dinitrogen monosulfide	Mn ₃ P ₂	N ₂ O
Uranium (VI) pyrophosphate	N ₂ S ₁	Manganese (II) phosphide	Dinitrogen monoxide
(NH ₄) ₁ Cl ₁	tungsten nitride		
Ammonium chloride	W ₁ N ₂		

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