

2. Complete the table for these compounds using valency rules.

Name	Formula
Sulphur hydride	
Potassium chloride	
Magnesium sulphide	
Carbon chloride	
Platinum(II) chloride	
Iron (II) oxide	
Nitrogen oxide	
Potassium nitrate	
Magnesium sulphate	
Calcium iodide	
Sodium carbonate	
Rubidium hydroxide	
Ruthenium(III) nitrate	
Ammonium chloride	

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Name _____ Date Due _____

Homework 2 – Naming Compounds

1. Complete the table for these compounds using prefix rules.

Name	Formula
Sulphur tetrafluoride	SF_____
Dihydrogen oxide	H_____O_____
Platinum dichloride	PtCl_____
Tungsten hexachloride	WCl_____
Dinitrogen pentoxide	N_____O_____
Boron trihydride	BH_____
Diboron hexahydride	B_____H_____
I_____H_____	FeCl ₆
S_____D_____	AgCl ₂
P_____T_____	P ₂ S ₃
N_____T_____	NI ₃
C_____T_____	CCl ₄
N_____M_____	NO
D_____D_____	B ₁₀ H ₁₄ 😊

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Platinum(II) chloride	PtCl__
Iron (II) oxide	
Nitrogen oxide	N__O__
Potassium nitrate	K__(NO ₃)
Magnesium sulphate	
Calcium iodide	CaI__
Sodium carbonate	Na__(CO ₃)
Rubidium hydroxide	
Ruthenium(III) nitrate	Ru(NO ₃)__
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Sodium carbonate	Na__(CO ₃)
Rubidium hydroxide	
Ruthenium(III) nitrate	Ru(NO ₃)__
Ammonium chloride	