

Name \_\_\_\_\_ Date Due \_\_\_\_\_

## Homework 4 – Naming Compounds

1. What elements are contained in the following compounds?

**Sodium chloride:** \_\_\_\_\_

\_\_\_\_\_

**Potassium nitride:** \_\_\_\_\_

\_\_\_\_\_

**Potassium nitrate:** \_\_\_\_\_

\_\_\_\_\_

**Copper carbonate:** \_\_\_\_\_

\_\_\_\_\_

**Magnesium sulphate:** \_\_\_\_\_

\_\_\_\_\_

2. What is the difference between an element and a compound?

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

Name	Formula
Sulphur tetrafluoride	
Dihydrogen oxide	
Platinum dichloride	
Tungsten hexachloride	
Dinitrogen pentoxide	
Boron trihydride	
Diboron hexahydride	
	$\text{FeCl}_6$
	$\text{AgCl}_2$
	$\text{P}_2\text{S}_3$
	$\text{NI}_3$
	$\text{CCl}_4$
	$\text{NO}$
	$\text{B}_{10}\text{H}_{14}$ 😊