

Name: _____

Period: _____

Date: _____

Compound Name	Model – tape your models to another sheet of paper if they don't fit in this column...	Chemical Formula	Ionic Ratio
Potassium hydroxide			
Sodium iodide			
Iron (II) carbonate			
Iron (III) carbonate			
Aluminum chloride			

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Compound Name	Model - tape your models to another sheet of paper if they don't fit in this column...	Chemical Formula	Ionic Ratio
Magnesium fluoride			
Copper (II) nitride			
Ammonium phosphate			

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Name the following compounds using the Stock System (2 points each):

1. NaI _____
2. MgS _____
3. CaO _____
4. K₂S _____
5. CuBr _____
6. FeCl₂ _____

Write the formulas for the compounds formed between the following and name them. Use your blank model making cards if needed.

<u>Ions Forming Compound</u>	<u>Chemical Formula</u>	<u>Name</u>
7. Aluminum and bromine	_____	_____
8. Sodium and oxygen	_____	_____
9. Magnesium and iodine	_____	_____
10. Pb ⁺² and O ⁻²	_____	_____
11. Sn ⁺² and I ⁻¹	_____	_____
12. Fe ⁺³ and S ⁻²	_____	_____
13. Cu ⁺² and NO ₃ ⁻¹	_____	_____
14. NH ₄ ⁺¹ and SO ₄ ⁻²	_____	_____