

Name: _____

Nomenclature C – Using Polyatomic Ions

Refer to your periodic table for the polyatomic ions.

Write the names of the following compounds:

1. KCN _____

2. NaOH _____

3. LiNO₃ _____

4. CaCO₃ _____

5. MgSO₄ _____

6. BeNO₂ _____

7. Na₂SO₃ _____

8. Ca₃(PO₄)₂ _____

9. NH₄Cl _____

10. CuCN _____

11. FeCO₃ _____

12. Zn(NO₃)₂ _____

13. Hg(OH)₂ _____

14. PbSO₄ _____

15. Sn(CrO₄)₂ _____

16. MnCr₂O₇ _____

17. Fe₂(SO₃)₃ _____

18. Cu(C₂H₃O₂)₂ _____

Write the formulas of the following compounds:

<u>Name</u>	<u>Cation</u>	<u>Anion</u>	<u>Formula</u>
1. iron (III) acetate	_____	_____	_____
2. copper (II) nitrate	_____	_____	_____
3. aluminum sulfite	_____	_____	_____
4. nickel (II) phosphate	_____	_____	_____
5. copper (I) cyanide	_____	_____	_____
6. ammonium hydroxide	_____	_____	_____
7. mercury (I) permanganate	_____	_____	_____
8. calcium chromate	_____	_____	_____
9. magnesium cyanide	_____	_____	_____
10. chromium sulfate	_____	_____	_____
11. mercury (II) nitrite	_____	_____	_____
12. ammonium phosphate	_____	_____	_____
13. tin (IV) dichromate	_____	_____	_____
14. lead (II) acetate	_____	_____	_____
15. cobalt (II) carbonate	_____	_____	_____
16. silver nitrite	_____	_____	_____
17. iron (III) hydroxide	_____	_____	_____
18. cobalt (IV) sulfite	_____	_____	_____