

Name _____

Honors Chemistry

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Formula Writing & Physical Properties Lab

Observe and record at least two intensive physical properties of each compound (color, odor, crystals, powder, etc.) and then write the correct formula for the compound and indicate the oxidation number of the element in parenthesis

Salt	Properties	Formula	Oxidation #
1. potassium sulfate			S:
2. ammonium carbonate			C:
3. aluminum hydroxide			Al:
4. cupric oxide			Cu:
5. ammonium phosphate			P:
6. calcium chloride			Cl:
7. cupric carbonate			C:
8. ferric chloride			Fe:
9. iron(III) oxide			O:
10. lead(II) iodide			I:
11. sodium carbonate			O:
12. manganese(II) sulfate			S:

Salt	Properties	Formula	Oxidation #
13. strontium nitrate			N:
14. cobalt(II) chloride			Cl:
15. nickelous sulfate			S:
16. barium nitrate			Ba:
17. ferric nitrate			Fe:
18. sodium bicarbonate			C:
19. potassium permanganate			Mn:
20. lead(II) nitrate			N:
21. calcium acetate			C:
22. magnesium chloride			Mg:
23. potassium oxalate			C:
24. stannous chloride			Sn:
25. potassium bisulfate			S:
26. sodium thiocyanate			S: C: N: