CH 221 Nomenclature Quiz 2
Self Quiz Name: _____ Lab Section: _____

This is a sample quiz for CH 221 providing examples of nomenclature. Answers are provided at the end of this handout. *Good luck!*

Name the following compounds. Use acid names where appropriate.

1. NaF
2. $MgCl_2$
3. $CaCO_3$
4. $Ca(HCO_3)_2$
5. $KHCO_3$
6. $AgNO_3$
7. $Zn(NO_2)_2$
8. $CdSO_4$
9. $Al_2(SO_3)_3$
10. $Au_3(PO_4)_2$
11. Cu_3PO_3
12. $NaClO_3$
13. $Ba(ClO_2)_2$
14. AgClO
15. $Fe(ClO_4)_3$
16. $Co(BrO_3)_2$
17. $Mn(BrO_2)_2$
18. $Cr(BrO)_3$
19. $Zn(BrO_4)_2$
20. $AgIO_3$
21. $Al(IO_2)_3$

22. NaIO

23. $LiIO_4$

24. $Ti(HSO_3)_2$

25. SnO_2

26. N_2O

27. CO

28. P_2O_5

29. CCl_4

30. SO_3

31. Se_2F_6

32. HCl

33. $HClO_3$

34. $HBrO_2$

35. HIO

36. $HClO_4$

37. H_2SO_4

38. H_2CO_3

39. HCH_3CO_2

40. HNO_3

41. HBr

42. HI

Write the formulas for the following compounds:

43. Sodium chloride
44. Potassium sulfide
45. Calcium fluoride
46. Lead(IV) oxide
47. Lithium nitrate
48. Barium nitrite
49. Gold(II) sulfate
50. Chromium(I) sulfite
51. Manganese(II) bisulfate
52. Iron(III) carbonate
53. Cadmium(II) carbonate
54. Zinc(II) hydrogen carbonate
55. Silver(I) hydrogen carbonate
56. Aluminum perchlorate
57. Chromium(III) iodate
58. Titanium(IV) bromite
59. Zinc(II) hypoiodite
60. Tetraphosphorous decafluoride
61. Sulfur trioxide
62. Trinitrogen hexachloride
63. Carbonic acid
64. Sulfurous acid
65. Perchloric acid

66. Bromic acid

67. Bromous acid

68. Hypoiodous acid

69. Acetic acid

Answers

1. Sodium fluoride
2. Magnesium chloride
3. Calcium carbonate
4. Calcium hydrogen carbonate
5. Potassium hydrogen carbonate
6. Silver(I) nitrate
7. Zinc(II) nitrite
8. Cadmium(II) sulfate
9. Aluminum sulfite
10. Gold(II) phosphate
11. Copper(I) phosphite
12. Sodium chlorate
13. Barium chlorite
14. Silver hypochlorite
15. Iron(III) perchlorate
16. Cobalt(II) bromate
17. Manganese(II) bromite
18. Chromium(III) hypobromite
19. Zinc(II) perbromate
20. Silver(I) iodate
21. Aluminum iodite
22. Sodium hypoiodite
23. Lithium periodate
24. Titanium(II) bisulfite
25. Tin(IV) oxide
26. Dinitrogen monoxide
27. Carbon monoxide
28. Diphosphorus pentaoxide
29. Carbon tetrachloride
30. Sulfur trioxide
31. Diselenium hexafluoride
32. Hydrochloric acid
33. Chloric acid
34. Bromous acid
35. hypoiodous acid
36. Perchloric acid
37. Sulfuric acid
38. Carbonic acid
39. Acetic acid
40. Nitric acid
41. Hydrobromic acid
42. Hydroiodic acid
43. $NaCl$
44. K_2S
45. CaF_2
46. PbO_2
47. $LiNO_3$
48. $Ba(NO_2)_2$
49. $AuSO_4$
50. Cr_2SO_3
51. $Mn(HSO_4)_2$
52. $Fe_2(CO_3)_3$
53. $CdCO_3$
54. $Zn(HCO_3)_2$
55. $AgHCO_3$
56. $Al(ClO_4)_3$
57. $Cr((IO_3)_3$
58. $Ti(BrO_2)_4$
59. $Zn(IO)_2$
60. P_4F_{10}
61. SO_3
62. N_3Cl_6
63. H_2CO_3
64. H_2SO_3
65. $HClO_4$
66. $HBrO_3$
67. $HBrO_2$
68. HIO
69. HCH_3CO_2