

### MOLECULAR WEIGHT WORKSHEET 1

Class the formulae of the following compounds:

1. sulfur dioxide \_\_\_\_\_  $SO_2$  \_\_\_\_\_
2. ammonium phosphate \_\_\_\_\_  $(NH_4)_3PO_4$  \_\_\_\_\_
3. lithium hydroxide \_\_\_\_\_  $LiOH$  \_\_\_\_\_
4. sodium sulfate \_\_\_\_\_  $Na_2SO_4$  \_\_\_\_\_
5. carbon dioxide \_\_\_\_\_  $CO_2$  \_\_\_\_\_
6. hydrogen peroxide \_\_\_\_\_  $H_2O_2$  \_\_\_\_\_
7. sulfur dioxide \_\_\_\_\_  $SO_2$  \_\_\_\_\_
8. iron(II) chloride \_\_\_\_\_  $FeCl_2$  \_\_\_\_\_
9. carbon tetrachloride \_\_\_\_\_  $CCl_4$  \_\_\_\_\_
10. calcium chloride \_\_\_\_\_  $CaCl_2$  \_\_\_\_\_
11. diphosphorus pentoxide \_\_\_\_\_  $P_2O_5$  \_\_\_\_\_
12. acetic acid \_\_\_\_\_  $CH_3COOH$  \_\_\_\_\_
13. phosphorus pentoxide \_\_\_\_\_  $P_2O_5$  \_\_\_\_\_
14. copper(II) sulfate \_\_\_\_\_  $CuSO_4$  \_\_\_\_\_
15. mercury(II) chloride \_\_\_\_\_  $HgCl_2$  \_\_\_\_\_
16. silver iodide \_\_\_\_\_  $AgI$  \_\_\_\_\_
17. carbon dioxide \_\_\_\_\_  $CO_2$  \_\_\_\_\_
18. potassium cyanide \_\_\_\_\_  $KCN$  \_\_\_\_\_
19. dinitrogen monoxide \_\_\_\_\_  $N_2O$  \_\_\_\_\_
20. potassium iodide \_\_\_\_\_  $KI$  \_\_\_\_\_
21. ammonia(III) fluoride \_\_\_\_\_  $BF_3$  \_\_\_\_\_
22. lead(IV) fluoride \_\_\_\_\_  $PbF_4$  \_\_\_\_\_
23. water \_\_\_\_\_  $H_2O$  \_\_\_\_\_
24. calcium sulfate \_\_\_\_\_  $CaSO_4$  \_\_\_\_\_
25. potassium nitrate \_\_\_\_\_  $KNO_3$  \_\_\_\_\_
26. zinc sulfate \_\_\_\_\_  $ZnSO_4$  \_\_\_\_\_
27. acetic acid \_\_\_\_\_  $CH_3COOH$  \_\_\_\_\_
28. nitrogen monoxide \_\_\_\_\_  $NO$  \_\_\_\_\_
29. carbon monoxide \_\_\_\_\_  $CO$  \_\_\_\_\_
30. copper(II) bromide \_\_\_\_\_  $CuBr_2$  \_\_\_\_\_
31. mercury(II) fluoride \_\_\_\_\_  $HgF_2$  \_\_\_\_\_
32. sulfur dioxide \_\_\_\_\_  $SO_2$  \_\_\_\_\_
33. aluminum acetate \_\_\_\_\_  $Al(CH_3COO)_3$  \_\_\_\_\_
34. sodium hydroxide \_\_\_\_\_  $NaOH$  \_\_\_\_\_
35. barium hydroxide \_\_\_\_\_  $Ba(OH)_2$  \_\_\_\_\_
36. iron \_\_\_\_\_  $Fe$  \_\_\_\_\_
37. nitrogen dioxide \_\_\_\_\_  $NO_2$  \_\_\_\_\_
38. sodium bromide \_\_\_\_\_  $NaBr$  \_\_\_\_\_
39. magnesium fluoride \_\_\_\_\_  $MgF_2$  \_\_\_\_\_
40. nitrogen pentoxide \_\_\_\_\_  $N_2O_5$  \_\_\_\_\_
41. ammonia \_\_\_\_\_  $NH_3$  \_\_\_\_\_
42. iron(III) oxide \_\_\_\_\_  $Fe_2O_3$  \_\_\_\_\_
43. chlorine sulfate \_\_\_\_\_  $SO_2Cl_2$  \_\_\_\_\_
44. trinitrobenzene \_\_\_\_\_  $C_6H_3(NO_2)_3$  \_\_\_\_\_
45. sodium bicarbonate \_\_\_\_\_  $NaHCO_3$  \_\_\_\_\_
46. calcium hydroxide \_\_\_\_\_  $Ca(OH)_2$  \_\_\_\_\_
47. carbon dioxide \_\_\_\_\_  $CO_2$  \_\_\_\_\_