**Formula Writing**

1. Determine if the following is molecular or ionic:

1. CCl4 59/64, 77/87, 8/11, 46/48, 9/14 = 199/224
2. Ca3(PO4)2 59/64, 77/87, 10/11, 46/48, 12/14 = 204/224

c. FeCl3 59/64, 81/87, 9/11, 45/48, 12/14 = 206/224

2. Name the following compounds:

* 1. CCl4 63/64, 55/87, 8/11, 44/48, 8/14 = 178/224

1. Ca3(PO4)2 54/64, 58/87, 7/11, 36/48, 9/14 = 164/224
2. FeCl3 25/64, 27/87, 2/11, 37/48, 4/14 = 95/224

3. Write formulas for the following:

a. tin IV sulfate 42/64, 36/87, 5/11, 33/48, 6/14 = 122/224

b. dicarbon octahydride 62/64, 57/87, 10/11, 43/48, 9/14 = 181/224

1. aluminum sulfide 57/64, 51/87, 7/11, 34/48, 7/14 = 156/224