**Homework #3 Chemistry 1114 section 2 (Fong) due Mon 11 Sept 2017 10 pts (in class)**

**Your name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2.1 Compute the following calculations to the correct significant figure count:**

**(2 pts each)**

**300 + 0.100 -0.0100 + 1 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**6.000\* 3.0\*4.00 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2\*101**

**(102 +9 -1.00)\*5.0 = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**25.00000**

**2.2 Define `element’ (1 pt)**

**2.3. Name us (1 pt each/3 pts total) See page 60-68 (Binary naming)**

**I will cover this Wednesday, and your lab instructors cover it in lab**

**Na3P \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (M + NM) type 1**

**FeCl3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (TM +NM) type 2**

**N2O \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (NM +NM) type 3**