

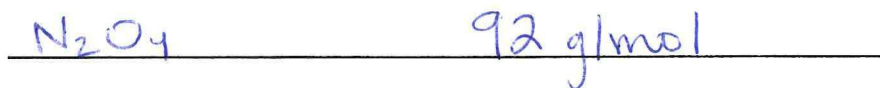
## Prep Unit Test Review

1. Name the following compounds AND find their molar masses.

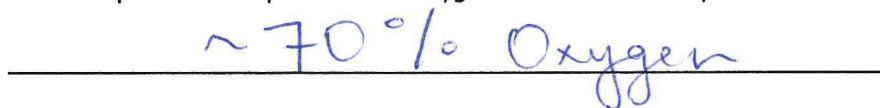
- a.  $N_2O$  Dinitrogen monoxide 44 g/mol
- b.  $Na_2O$  Sodium oxide 62 g/mol
- c.  $FeO$  Iron (II) oxide 72 g/mol
- d.  $(NH_4)_2CO_3$  Ammonium carbonate 96 g/mol
- e.  $Ni(OH)_2$  Nickel (II) Hydroxide ~93 g/mol

2. Write the formulas for the following compounds AND write their molar masses.

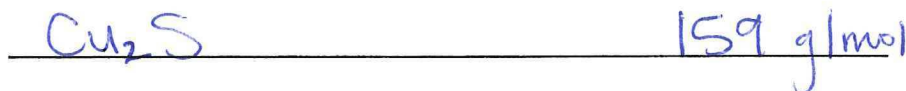
a. dinitrogen tetroxide



b. Find the percent composition of Oxygen in the above compound.



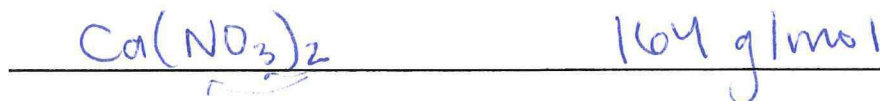
c. copper(I) sulfide



d. What percent of Copper (I) Sulfide is Copper?



e. calcium nitrate



f. Find the percent composition of Nitrogen in calcium nitrate.

