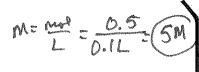
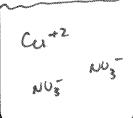
Solutions: Preview

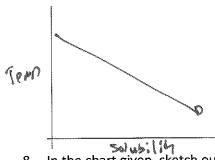
- In the beaker 93.6g of Cu(NO₃)₂ is being dissolved in 100mL of water. Draw a rough sketch of the solution.
- 2. What is the molarity of the $Cu(NO_3)_2$? $95.65 \cdot \frac{1}{187.55} = 0.5 \text{ mul}$ 0.1L = 5 M



- 3. What would be the actual number of moles of NO₃-1 ions floating in the solution? $5 \text{ mel} \frac{2 \text{ Nos}}{6 \text{ Cu(Nb)}} = 70 \text{ meNb}.$ 4. What is the molarity of the NO_3^{-1} ?
- 14/1= 10 M

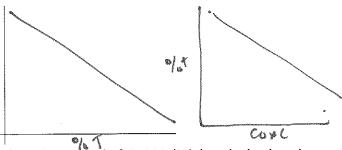


- 5. If you keep adding more and more $Cu(NO_3)_{2_a}$ to the solvent the
- 6. What is the only factor that would allow you to actually add more solute per solvent? 1 Temp
- 7. In the second chart sketch the relationship between a gas dissolving (molarity) and temperature. Label the axis.

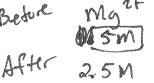


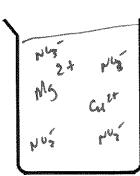
8. In the chart given, sketch out the relationship between Concentration and % T of light. Label the axis.

(of



- If another 100 ml of .5M Mg(NO₃) to the beaker above.
 - a. Write out the molecular equation for this process.
 - b. Draw a picture of the aftermath.
 - c. What is the concentration of the Mg²⁺ ion.





My(N'3)2 - M5