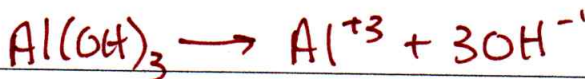
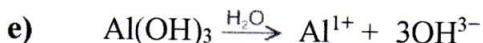
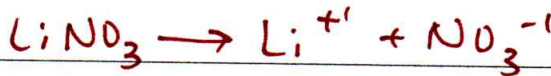
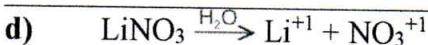
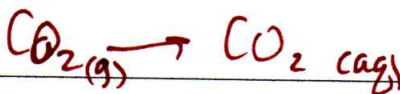
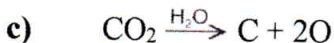
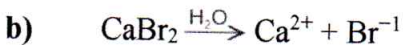
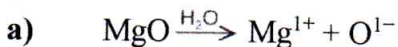


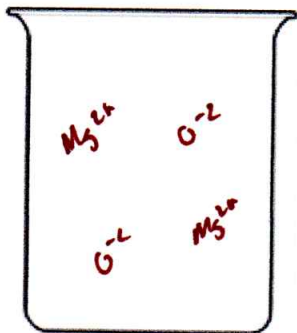
Modeling Solutions – Practice

Name AS hr _____

1. **What is wrong** with each of the following equations of electrolytic dissociation?
 a. Explain what is incorrect. b. Re-write the equations correctly.



2. a. Show/draw the dissolution of 2 particles of each substance in a beaker.
 b. Use the Molarity to determine the concentration of each ion.

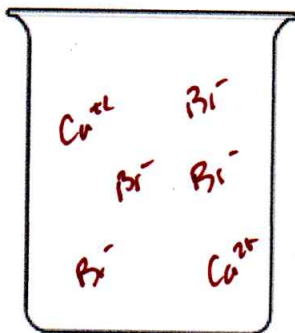


0.1 M MgO

Ion conc:

$Mg^{2+} = \underline{0.1}$

$O^{2-} = \underline{0.1}$

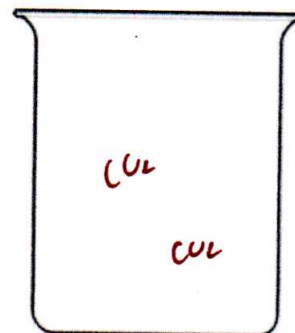


0.2 M CaBr₂

Ion conc:

$Ca^{2+} = \underline{0.2}$

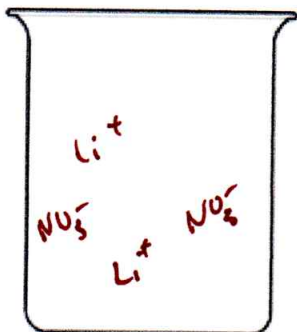
$Br^{-1} = \underline{0.4}$



0.00001 M CO₂

$C = \underline{X}$

$O = \underline{X}$

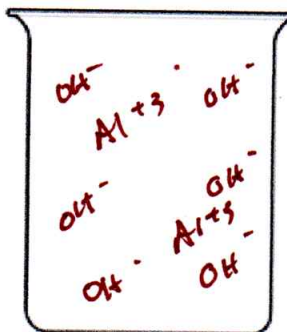


0.5M LiNO₃

Ion conc:

$Li^{+1} = \underline{0.5}$

$NO_3^{-1} = \underline{0.5}$



0.03 M Al(OH)₃

Ion conc:

$Al^{+3} = \underline{0.03}$

$OH^{-1} = \underline{0.09}$