

- 1) What are **hydrated ions**?

- 2) Why are water molecules attracted to (+) ions? (-) ions? What do we call the attractions between the water molecules and these ions?

- 3) Draw the attractions that exist in a solution of **LiBr**(aq). Use dashed lines to represent the attractions. Include the charges of the ions involved, and at least two molecules of solvent in your diagram.

- 4) Write the chemical equation for the dissolving of **MgI₂**? (Ask yourself: Is this compound ionic or molecular (covalent)?)

- 5) Write the chemical equation for the dissolving of **Na₂SO₄**? (Ask yourself: Is this compound ionic or molecular (covalent)?)

- 6) Write the chemical equation for the dissolving of **C₂H₅OH** (Ask yourself: Is this compound ionic or molecular (covalent)?)