**Revision questions on acids and bases, and gases**

1. Nelson chem P:325 look at the table C7.3 pH and OH- ion concentration
2. What is the relationship between pHand the concentration of hydrogen ions (H+)?
3. What is the relationship between the concentration of H+ and the concentration of OH⁻ in a solution?
4. Which one will have the lowest pH?

HCl, H2SO4, HNO3 and CH3 COOH

1. Define Arrhenius theory of acids and bases.
2. NC: Page: 348- Different properties gases
3. NC: P: 346- Kinetic theory of gases
4. Boyles law, Charles law and combined gas law