

6.2.3 Table below shows the acids and its pH values

Type of Acid	pH
Hydrochloric Acid	2
Sulphuric Acid	1
Ethanoic Acid	5

i) Explain why Hydrochloric acid has a lower pH value than ethanoic acid

Classify

- Hydrochloric Acid is a _____ meanwhile ethanoic acid is a _____

Define

- Hydrochloric acid _____ in water to produce _____ concentration of _____ ion
- Ethanoic acid is a _____ in water to produce _____ Concentration of _____ ion

Compare pH

Relate pH with the concentration of hydrogen ion

- pH value of hydrochloric acid is _____ than ethanoic acid because the _____ of _____ ion for hydrochloric acid is _____ than ethanoic acid.

Conclude

- The _____ the concentration of hydrogen ion, the _____ the pH value, the _____ the acid

ii) i) Compare the pH value between Sulphuric acid and Hydrochloric Acid

Classify

- Both hydrochloric acid and sulphuric acid are _____ acid
- Hydrochloric Acid is a _____ meanwhile Sulphuric acid is a _____

Compare

- Sulphuric acid ionizes completely in water to produce _____ concentration of _____ ion than hydrochloric acid.

Relate pH with the concentration of hydrogen ion

- pH value of sulphuric acid is _____ than hydrochloric acid because the _____ of _____ ion for sulphuric acid is _____ than hydrochloric acid.

Conclude

- The _____ the concentration of hydrogen ion, the _____ the pH value, the _____ the acid

