## 6.2.3 Table below shows the acids and its pH values

Type of Acid	pН
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 ofion  Ethanoic acid is ain water to produce
Compare pH	Concentration ofion
Relate pH with	pH value of hydrochloric acid is than ethanoic acid because the
the concentration	of ion for hydrochloric acid is than
of hydrogen ion	ethanoic acid.
Conclude	The the concentration of hydrogen ion, the the pH value, the the acid
ii) i) Com	pare the pH value between Sulphuric acid and Hydrochloric Acid  Both hydrochloric acid and sulphuric acid are acid
Classify	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	pH value of sulphuric acid is than hydrochloric acid because the
the concentration of hydrogen ion	of ion for sulphuric acid is than
	hydrochloric acid.
Conclude	The the concentration of hydrogen ion, the the pH value, the the acid



