

7 Strong/weak acids and salts – Part 2 — Answers

Answers

Work through these after trying the questions yourself.

7.1 A strong acid is fully dissociated (split into ions) in water; a weak acid is only partly dissociated (most molecules stay whole).

7.2 Strong.

7.3 No — strong/weak is about dissociation; concentrated/dilute is about how much acid is in the water.

7.4 React the acid with an excess of the base; filter off the excess solid; evaporate some water and leave the solution to crystallise.

7.5 By precipitation — mix two solutions that each contain one of the needed ions.

7.6 This is **precipitation**. After mixing, **filter** off the yellow solid (washing it with water), then **dry** it.