**The National Orthodox School /Shmaisani**

**Subject: Chemistry**

**Name: Topic: Acids and alkalis**

**Date: Grade-Section: 6CS- all sections**



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| **Acid strength**Acids have a pH \_\_\_\_\_\_\_\_\_ 7. The more H+ions, the \_\_\_\_\_\_\_\_\_\_\_acidic it is and the \_\_\_\_\_\_\_\_\_\_the pH will be. | What ions do acids and bases produce when dissolved in water?Acids: Bases:  | Label the **A**cid and **B**ase.NaOH HCl H2SO4  HNO3Ca(OH)2  KOH  |
| List 3 properties of bases.--- | pH 7 is said to be \_\_\_\_\_\_\_\_\_ – this means there is a balance of H+ and OH- ions.  | What are the two types of indicators?-- |
| Label the **A**cid and **B**ase.Hydrochloric acid Sodium hydroxideSulfuric acid Potassium hydroxide Nitric acid  | **Base strength** Bases have a pH\_\_\_\_\_\_\_\_\_ 7.The more OH- ions, the \_\_\_\_\_\_\_\_\_\_\_basic it is and the \_\_\_\_\_\_\_\_\_\_the pH will be. | List 3 properties of acids.--- |