

Neutralization

List

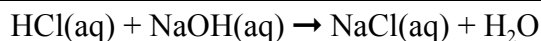
- describe neutralization

Notes

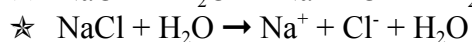
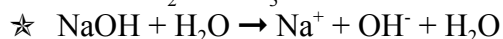
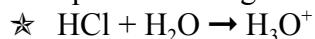
★ Neutralization

☆ Definition - reaction between an acid and a base to produce a salt and water

☆ Example



☆ Ions present during neutralization reaction above



⏟
spectator ions

⏟
spectator ions



Answer the questions below by circling the number of the correct response

- What substances form during an acid-base neutralization?
 (1) hydronium and hydroxide (2) salt and water (3) acid and base
 (4) metal and nonmetal
- During the following acid-base neutralization,
 $\text{H}_2\text{SO}_4 + \text{Mg(OH)}_2 \rightarrow 2\text{H}_2\text{O} + \text{MgSO}_4$,
 what are the spectator ions? (1) H^+ and OH^- (2) H_3O^+ and OH^-
 (3) Mg^{2+} and SO_4^{2-} (4) $2\text{H}_2\text{O}$