

Answer on Question #40846 – Chemistry – Organical Chemistry

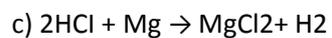
Question:

Which of the following is not a neutralization reaction?

- a) $\text{H}_2\text{CO}_3 + \text{Be}(\text{OH})_2 \rightarrow \text{BeCO}_3 + 2\text{H}_2\text{O}$
- b) $\text{HNO}_3 + \text{KOH} \rightarrow \text{KNO}_3 + \text{H}_2\text{O}$
- c) $2\text{HCl} + \text{Mg} \rightarrow \text{MgCl}_2 + \text{H}_2$
- d) $\text{H}_2\text{SO}_4 + \text{Zn}(\text{OH})_2 \rightarrow \text{ZnSO}_4 + 2\text{H}_2\text{O}$

Answer:

A **neutralization** reaction is reaction between base and acid with form a salt.



Because it is a **replacement** reaction.

Answer: c) $2\text{HCl} + \text{Mg} \rightarrow \text{MgCl}_2 + \text{H}_2$