

45.6: General Questions

1. Classify each substance in the chemical equations as an acid or base, by determining for each substance whether it is a proton donor or a proton acceptor.
 - a. $\text{NH}_3 + \text{H}_2\text{O} \leftrightarrow \text{NH}_4 + \text{OH}$
 - b. $\text{H}_2\text{O} + \text{HCO}_3 \leftrightarrow \text{H}_3\text{O} + \text{CO}_2$
2. Is there a trend for determining the acid and base when the reaction is reversed? Explain the trend.

Contributors and Attributions

- Template:ContribCCPhySc101L

45.6: General Questions is shared under a [CC BY](#) license and was authored, remixed, and/or curated by LibreTexts.