

- a** $\text{KNO}_3(\text{s}) \rightarrow \text{K}^+(\text{aq}) + \text{NO}_3^-(\text{aq})$
- b** $\text{CaCl}_2(\text{s}) \rightarrow \text{Ca}^{2+}(\text{aq}) + 2 \text{Cl}^-(\text{aq})$
- c** $(\text{NH}_4)_2\text{SO}_4(\text{s}) \rightarrow 2 \text{NH}_4^+(\text{aq}) + \text{SO}_4^{2-}(\text{aq})$
- d** $\text{BaI}_2 \rightarrow \text{Ba}^{2+}(\text{aq}) + 2\text{I}^-(\text{aq})$
- e** $\text{Na}_2\text{CO}_3 \rightarrow 2 \text{Na}^+(\text{aq}) + \text{CO}_3^{2-}(\text{aq})$
- f** $\text{Fe}_3(\text{PO}_4)_2 \rightarrow 3 \text{Fe}^{2+}(\text{aq}) + 2 \text{PO}_4^{3-}(\text{aq})$
- g** $\text{Al}(\text{CH}_3\text{COO})_3 \rightarrow \text{Al}^{3+}(\text{aq}) + 3 \text{CH}_3\text{COO}^-(\text{aq})$
- h** $\text{K}_2\text{S}(\text{s}) \rightarrow 2 \text{K}^+(\text{aq}) + \text{S}^{2-}(\text{aq})$