

Corrigé de l'Exercice N°17 p 144

- a. $\text{Ba}_{(\text{aq})}^{2+} + 2 \text{HO}_{(\text{aq})}^- \rightarrow \text{Ba}(\text{OH})_{2,(\text{s})}$
- b. $3\text{Fe}_{(\text{s})} + 2 \text{O}_{2,(\text{g})} \rightarrow \text{Fe}_3\text{O}_{4,(\text{s})}$
- c. $2\text{H}_{2,(\text{g})} + \text{O}_{2,(\text{g})} \rightarrow 2 \text{H}_2\text{O}_{(\text{g})}$
- d. $\text{C}_2\text{H}_6\text{O}_{(\text{l})} + 3 \text{O}_{2,(\text{g})} \rightarrow 3 \text{H}_2\text{O}_{(\text{g})} + 2 \text{CO}_{2,(\text{g})}$
- e. $\text{MnO}_{2,(\text{s})} + 4 \text{HCl}_{(\text{aq})} \rightarrow \text{MnCl}_{2,(\text{s})} + 2 \text{H}_2\text{O}_{(\text{l})} + \text{Cl}_{2,(\text{g})}$
- f. $\text{HPO}_{4,(\text{aq})}^{2-} + 2 \text{H}_{(\text{aq})}^+ \rightarrow \text{H}_3\text{PO}_{4,(\text{aq})}$

En supplément

- g. $\text{Fe}_{(\text{aq})}^{3+} + 4 \text{Cl}_{(\text{aq})}^- \rightarrow \text{FeCl}_{4,(\text{aq})}^-$
- h. $\text{Al}_{(\text{aq})}^{3+} + 4 \text{HO}_{(\text{aq})}^- \rightarrow [\text{Al}(\text{OH})_4]_{(\text{aq})}^-$