

PRACTICE: REACTION MECHANISMS

ANSWERS

- (a) $2 \text{NO}(\text{g}) + \text{O}_2(\text{g}) \rightarrow 2 \text{NO}_2(\text{g})$
(b) $\text{NO}_3(\text{g})$
- (a) $\text{ClO}^-(\text{aq}) + \text{Br}^-(\text{aq}) \rightarrow \text{Cl}^-(\text{aq}) + \text{BrO}^-(\text{aq}) +$
(b) $\text{HOCl}(\text{aq}), \text{OH}^-(\text{aq}), \text{HOBr}(\text{aq})$
(c) $\text{H}_2\text{O}(\text{l})$
- (a) $2 \text{N}_2\text{O}(\text{g}) \rightarrow 2 \text{N}_2(\text{g}) + \text{O}_2(\text{g})$
(b) $\text{Cl}(\text{g}), \text{ClO}(\text{g})$
(c) $\text{Cl}_2(\text{g})$

4.

