

PRACTICE

Answers in Appendix E

1. Determine the hydronium and hydroxide ion concentrations in a solution that is 1×10^{-4} M HCl.
2. Determine the hydronium and hydroxide ion concentrations in a solution that is 1.0×10^{-3} M HNO₃.
3. Determine the hydronium and hydroxide ion concentrations in a solution that is 3.0×10^{-2} M NaOH.
4. Determine the hydronium and hydroxide ion concentrations in a solution that is 1.0×10^{-4} M Ca(OH)₂.