

Name _____

Concentration of Hydrogen in Solutions Answer Key

1. The pH is 3.
2. The hydroxide ion concentration is 1×10^{-7} M.
3. The pH value is 4.
4. The hydroxide ion concentration is 1×10^{-12} M.
5. The hydrogen ion concentration is 1×10^{-6} M.
6. The pOH value is 8.
7. The pH is 9.
8. The pOH is 2.
9. The difference is 1000-fold, or 10^3 .
10. The hydrogen ion concentration is 1×10^{-11} M.