

Name \_\_\_\_\_

## Solving pOH Values Answer Key

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