

Name \_\_\_\_\_

## Hydroxide Ion Concentration Answer Key

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