pH Calculations – Part 2

Name:

Period: 2 3 4

Directions: Solve the pH problems, show your work.

1. Determine the pOH of a solution of HNO3 with a pH = 1.234
2. Calculate the pH of a 5.67 × 10-5 M HBr solution.
3. Calculate the pH of a 5.67 × 10-5 M Ba(OH)2 solution.
4. Calculate the [H+] of a solution of HClO3 with a pH = 4.32.
5. Calculate the [OH-] of a solution of HClO4 with a pH = 5.656.