## 4Written Assign 4 Weak Acid/Weak Base Calculations

1. What is the [H₃O⁺] in a 0.050M solution of H₂S?
2. What is the pH of a 0.20M solution of $H_2O_2$ ?
3. What concentration of HCOOH is required to produce a pH of 1.93?
4. The pH of a 0.250M solution of HX is 1.357. What is $K_a$ for HX?

