

Applications of Aqueous Equilibria

Chapter 15

(Only do odd number questions – answers in back of text)

1. Acid or base solutions with common ion – p. 774 q. 13-19
2. Acid/base solutions – p. 774 q. 21-31
3. Buffered solutions – p. 774 q. 33-41
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5. Buffer capacity – p. 775 q. 51, 53
6. Titrations & pH curves – p. 776 q. 57-63
7. Titration indicators – p. 776 q. 65-71
8. Solubility equilibria & K_{sp} – p. 777 q. 73-83
9. Precipitation behavior w/ pH – p. 777 q. 85-95
10. Equilibria of complex ions – p. 778 q. 97-105