

# Equilibrium, Acids & Bases, Titrations, and Solubility — Answer Key

1. A

2. B

3. D

4. A

5. D

6.  $K_c = [O_2][SO_2]^2/[SO_3]^2 \rightarrow$  (pick the option that matches this)

7. B

8. A

9. C

10. Solubility  $s = \sqrt{K_{sp}} \rightarrow$  (pick the option that equals  $\sqrt{1.8 \times 10^{-10}}$ )