

## Chemistry 065 Homework Set

### HW 1 - *Measurements and the Metric System*

2.15, 2.19, 2.23, 2.37, 2.65 (2.63), 3.21, 3.31, 3.49, 3.53, 3.59

### HW 2 – *Matter and Energy*

4.7 (4.5), 4.15 (4.13), 4.17, 4.27, 4.31, 4.47, 4.53, 4.59, 4.63 (4.65), 4.71 (4.73)

### HW 3 – *Atomic Models*

5.17, 5.21, 5.33, 5.35, 5.39, 5.41, 5.57, 5.70 (5.69), 5.71, 5.77

### HW 4 – *The Periodic Table*

6.29, 6.33, 6.41, 6.45, 6.53, 6.55, 6.59, 6.61, 6.67, 6.75

### HW 5 – *Chemical Nomenclature*

7.1, 7.3, 7.7, 7.13 (7.11), 7.17 (7.15), 7.19, 7.23, 7.27, 7.41, 7.45 (7.43)

### HW 6 – *Chemical Reactions*

8.1, 8.7, 8.19, 8.23, 8.35, 8.47 (8.49), 8.63, 8.69, 8.73 (8.75), 8.77 (8.79)

### HW 7 – *The Mole and Reaction Stoichiometry*

9.11, 9.15, 9.17, 9.41, 9.51, 9.59 (9.57), 10.1, 10.7, 10.19, 10.21

### HW 8 – *Gas Laws*

11.7, 11.11, 11.13, 11.17, 11.25, 11.29, 11.35, 11.47, 11.63, 11.65

### HW 9 – *Chemical Bonding*

12.11, 12.17, 12.23, 12.31, 12.33, 12.35, 12.39, 12.53, 12.55, 12.71 (12.67)

### HW 10 – *Liquids, Solids, and Solutions*

13.5, 13.7, 13.39, 13.75, 13.77, 14.3, 14.49, 14.53, 14.65, 14.67

### HW 11 (Extra Credit) – *Acids and Bases*

15.7, 15.9, 15.11, 15.13, 15.15, 15.27, 15.35, 15.51, 15.59, 15.61

Problems are from Corwin 5<sup>th</sup> edition except those in parenthesis (Corwin 4<sup>th</sup> edition).

All homework problems are 5 pts except the extra credit homework 11 which is 10 pts.