| Chapter 3 | Skills | Problems |
| :--- | :--- | :--- |
|  | Weighted average atomic mass | 5,6 |
|  | Molar mass | $23-26$ |
|  | Formulas from \% composition | 50 |
|  | Balancing | 59,60 |
|  | Stoichiometry | $68,70,72,85$ |
|  | Limiting reagent, Yield | 92,90 |

Chapter 4

| Electrolytes | $7-10$ |
| :--- | :--- |
| Precipitation | $18,20,22$ |
| Acid/Base | 34 |
| Redox | 42,46 |
| Concentration | 54,56 |
| Dilution | 64,66 |
| Solution Stoichiometry | 80 |

Chapter 5

| Use combined gas laws for $T, V$, and $P$ changes | $20,22,24,26$ |
| :--- | :---: |
| Ideal gas law | $32,34,36$ |
| Molecular weight from the mass and volume of a gas | 44,50 |
| Gas phase stoichiometry | 52 |

