1. Text. Chapter 2, Problem #1 (pg. 56)

2. Text. Chapter 2, Problem #4 (pg. 57)

3. Text, Chapter 2, Problem #5 (pg. 57)

4. Text. Chapter 2, Problem #7 (pg. 58)

5. Text. Chapter 2, Problem #17 (pg. 62)

6. Given the following reaction, determine the heat of reaction and the adiabatic flame temperature. \[ 2\text{N}_2\text{O}(g) \rightarrow 2\text{N}_2(g) + \text{O}_2(g) \]