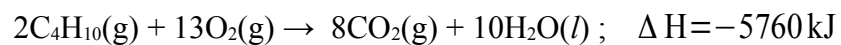


CHM 110 -Heat Practice Set**Solve the problems.**

1) If 1.54 L of butane (C_4H_{10}) at $25^\circ C$ and 1.00 atm is burned, how much heat is evolved?



- _____ kJ heat evolved.

2) If 2.57 g of Na_2O_2 is reacted with water, how much heat is evolved?



- _____ kJ heat evolved.

3) Calculate (from heats of formation) the enthalpy change for the following reaction:



• $\Delta H =$ _____ kJ