

CHAPTER 9	Thermochemical Equations and Stoichiometry Answer Key	BLM 9.1.6A
ANSWER KEY		

1. (a) 1.3×10^3 kJ
(b) 10 kJ
(c) $\Delta H = -1009$ kJ
(d) $\Delta H = -5.2$ kJ
2. (a) $\text{CaO(s)} + \text{H}_2\text{O(l)} \rightarrow \text{Ca(OH)}_2 \Delta H = -65.2$ kJ
(b) $\Delta H = -6.08 \times 10^5$ kJ
3. (a) 373 kJ
(b) 1.21×10^6 kJ
(c) 2.1 kg