

Revised August 2010

HONORS WORKSHEET 10a: ANSWERS

1. $-1170 \text{ kJ mol}^{-1}$
2.
 - (a) -86 kJ mol^{-1}
 - (b) Yes (as long as in (a) only one mole of product has been formed)
3. $+55.5 \text{ kJ mol}^{-1}$
4. -347 kJ mol^{-1}
5. $-2542.5 \text{ kJ mol}^{-1}$
6. $-124.5 \text{ kJ mol}^{-1}$