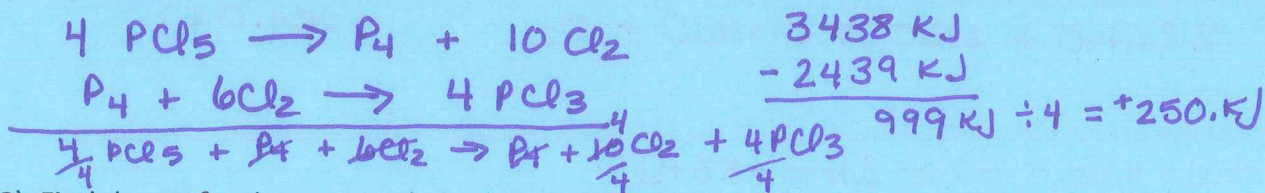
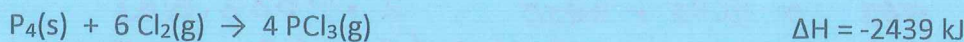
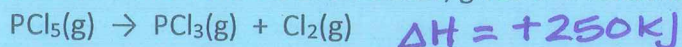


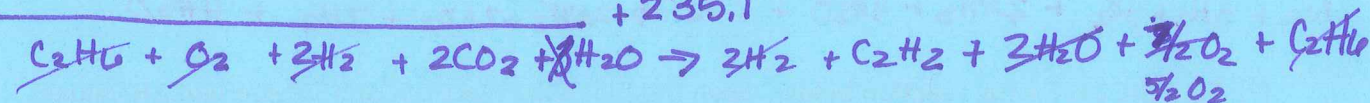
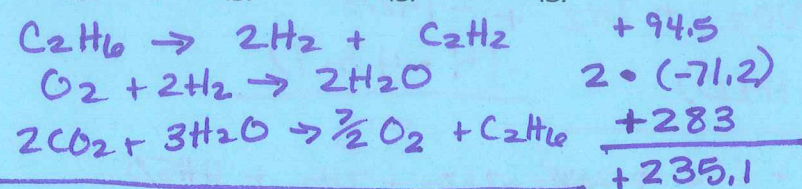
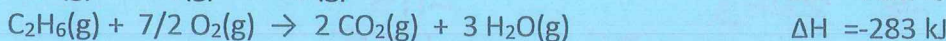
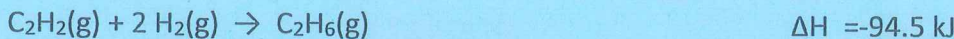
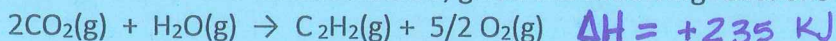
Name BETH "KEY" Period _____

Hess's Law WS

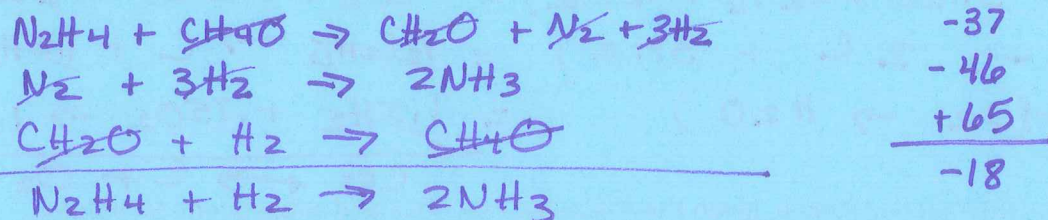
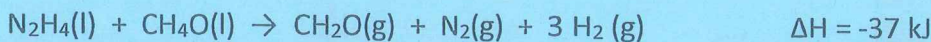
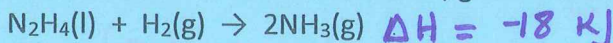
(1) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



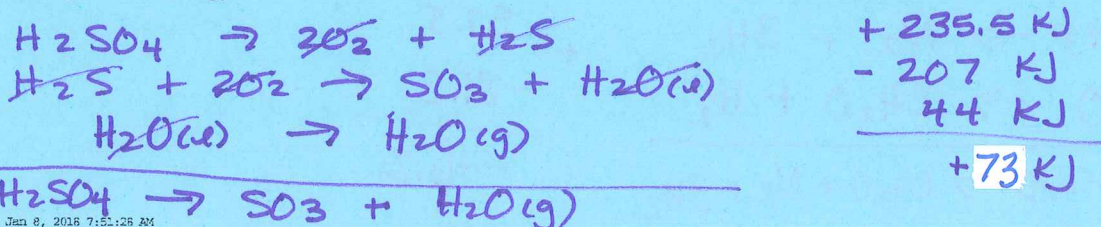
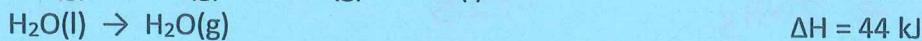
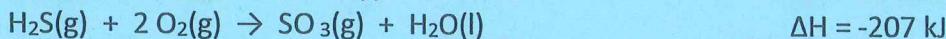
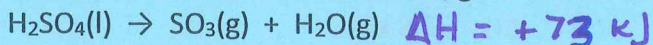
(2) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



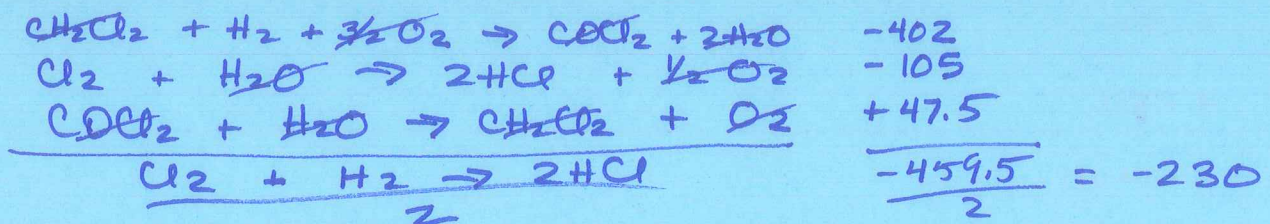
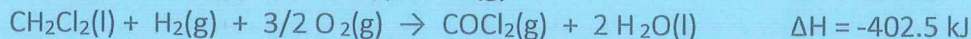
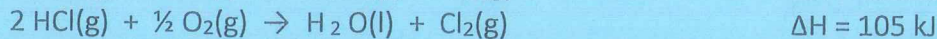
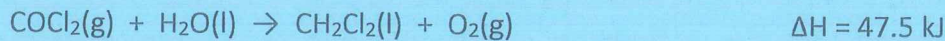
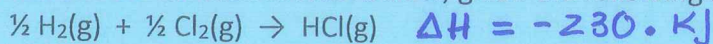
(3) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



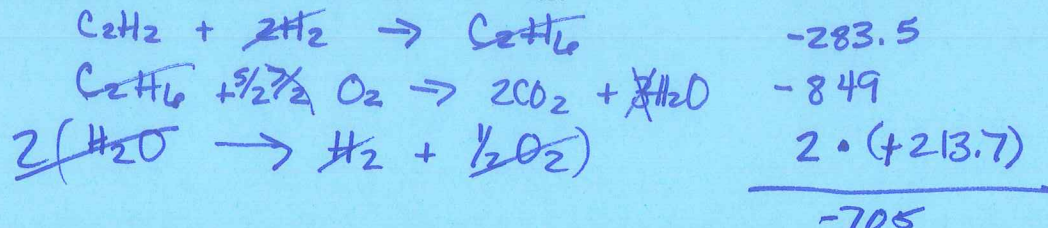
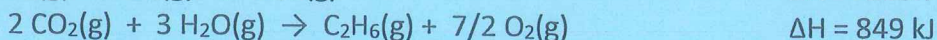
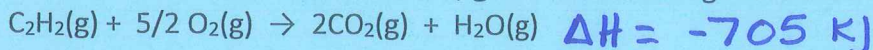
(4) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



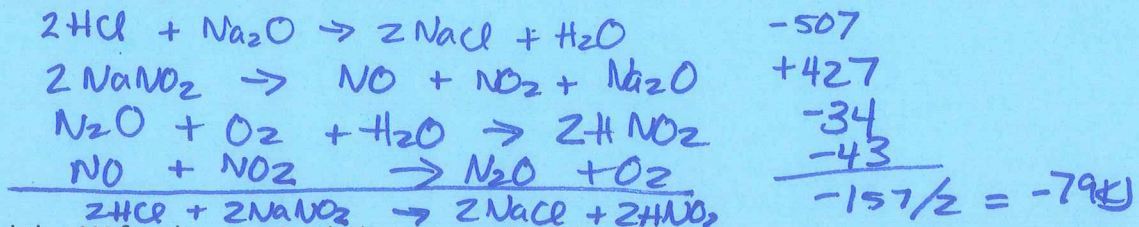
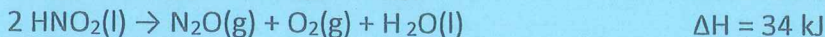
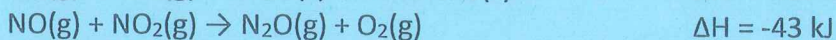
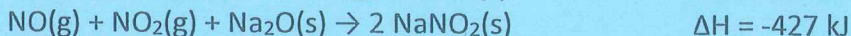
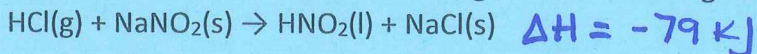
(9) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



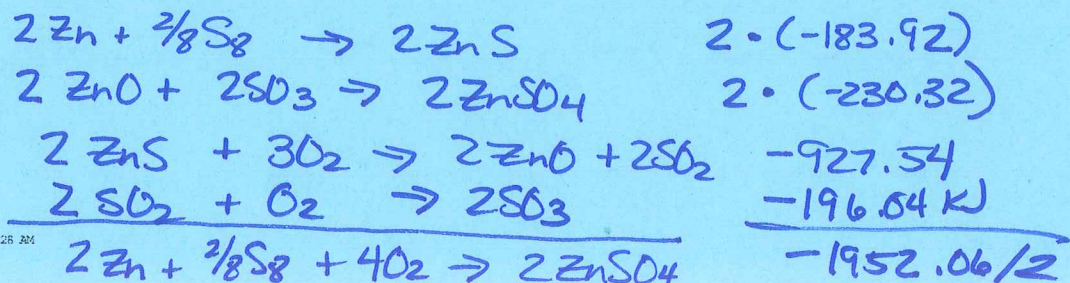
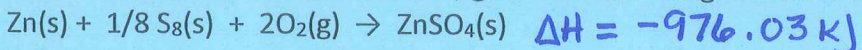
(10) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



(11) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



(12) Find the ΔH for the reaction below, given the following reactions and subsequent ΔH values:



Answers:

1. +250. kJ

2. +235 kJ

3. -18 kJ

4. +73 kJ

5. +204.0 kJ

6. -83 kJ

7. +886 kJ

8. -46.2 kJ

9. -230. kJ

10. -705 kJ

11. -79 kJ

12. -976.03 kJ