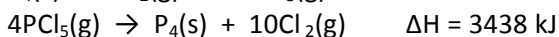
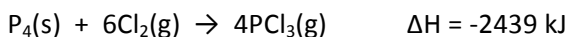
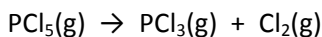


# Hess's Law Worksheet Practice

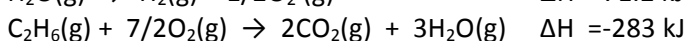
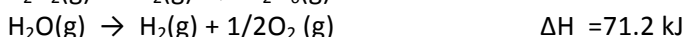
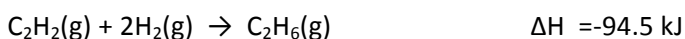
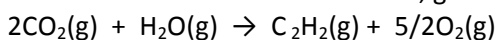
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1. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



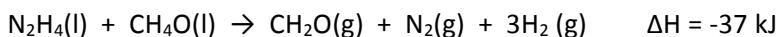
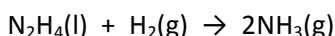
Answer = 249.8 kJ

2. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



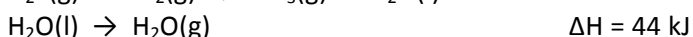
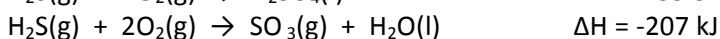
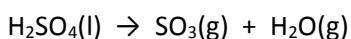
Answer = 235 kJ

3. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



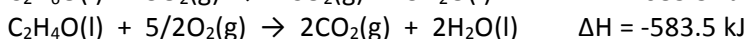
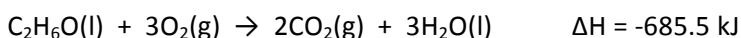
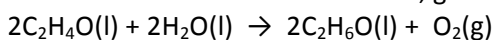
Answer = -18 kJ

4. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



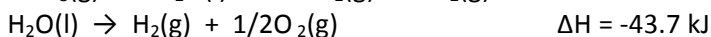
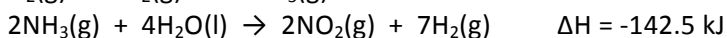
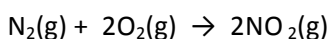
Answer = 72 kJ

5. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



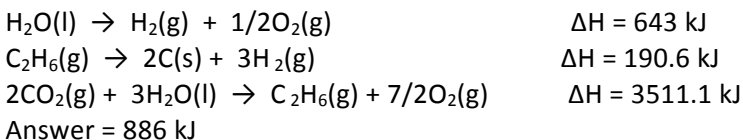
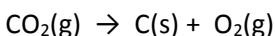
Answer = 204.0 kJ

6. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



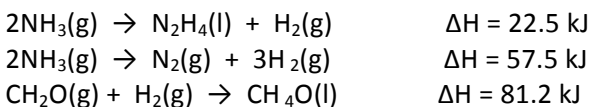
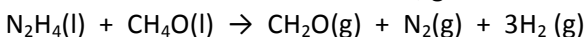
Answer = -83 kJ

7. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



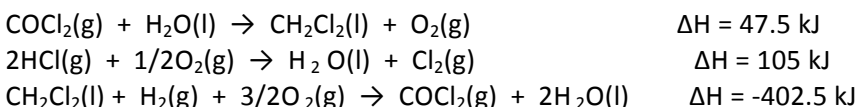
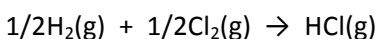
Answer = 886 kJ

8. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



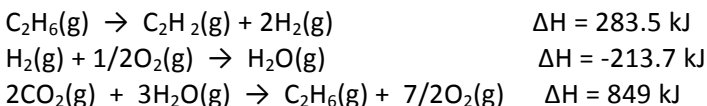
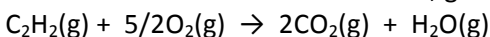
Answer = -46.2 kJ

9. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



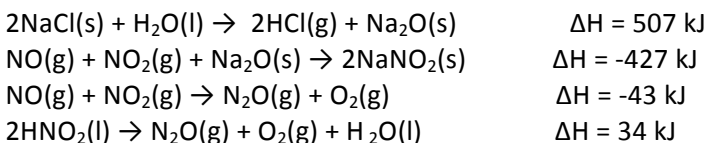
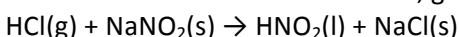
Answer = -230 kJ

10. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



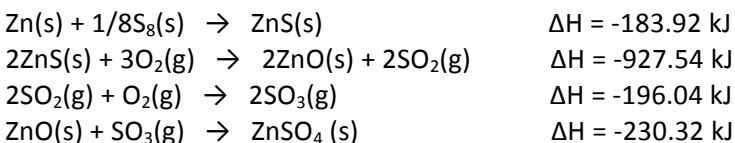
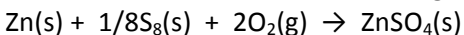
Answer = -705 kJ

11. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



Answer = -78 kJ

12. Find the  $\Delta H$  for the reaction below, given the following reactions and subsequent  $\Delta H$  values:



Answer = -976.03 kJ