Hess' Law

Textbook page 135-37

First watch both video tutorials on Hess' Law

Define the following key terms

- Hess' Law

Make notes on Hess' Law

1. Using The equation $Fe_2O_{3(S)} + 3Ca_{(s)} \rightarrow 2Fe_{(s)} + 3CaO_{(s)}$...
   a. Construct an enthalpy cycle to calculate the enthalpy change of reaction.
   b. Identify the routes that are the same in your cycle.
   c. Use the data provided to calculate the enthalpy change of reaction.
2. Using The equation $4C_{(s)} + 5H_{2(g)} \rightarrow C_4H_{10(g)}$...
   a. Construct an enthalpy cycle to calculate the enthalpy change of reaction.
   b. Identify the routes that are the same in your cycle.
   c. Use the data provided to calculate the enthalpy change of reaction.

Now complete the summary questions on pages 128, 134, 137 and 141