Heat of Reaction Lab Data Sheet

Reaction #1

1. Show your work for question 1 below.

2. Show answer online only.
3. Show your work for question 3 below.

Reaction #2

4. Show your work for question 4 below.

5. Show your work for question 5 below.

6. Show your work for question 6 below.
Reaction #3

7. Show your work for question 4 below.

8. Show your work for question 5 below.

9. Show your work for question 6 below.

10. Describe how you could use Hess’ Law and \( \Delta H \) for Reaction 1 and Reaction 2 to calculate \( \Delta H \) for Reaction 3. Perform the Hess’ Law calculation as described. Does this calculation match the calculation based on the data from the virtual lab for Reaction 3? Explain.