**Lab 11- Thermochemistry**

Copy the following data into your lab results and complete the lab using this data.

**Trial 1**

Temperature of NaOH: 19.1ºC

Temperature of HCl: 20.3ºC

Time (s) Temperature (ºC)

15 25.7

30 25.9

45 25.9

60 25.9

75 25.9

90 25.8

105 25.8

120 25.8

135 25.8

150 25.8

165 25.7

180 25.7

**Trial 2**

Temperature of NaOH: 19.2ºC

Temperature of HCl: 20.3ºC

Time (s) Temperature (ºC)

15 25.8

30 26.0

45 26.0

60 26.0

75 26.0

90 25.9

105 25.9

120 25.9

135 25.9

150 25.9

165 25.8

180 25.7

**Trial 3**

Temperature of NaOH: 19.2ºC

Temperature of HCl: 20.3ºC

Time (s) Temperature (ºC)

15 25.8

30 25.8

45 25.8

60 25.8

75 25.7

90 25.7

105 25.7

120 25.7

135 25.7

150 25.6

165 25.6

180 25.6