

Experiment 1

Data Sheet

Name: _____

Date: _____

Section: _____

Mass of can and water _____ g

Mass of empty can _____ g

Mass of water _____ g

Temperature before heating _____ °C

Temperature after heating _____ °C

Temperature change _____ °C

Mass of candle before burning _____ g

Mass of candle after burning _____ g

Mass of candle burned _____ g

Calculation of q_{water} (show equations)

Calculate of H_{wax} (show equations)