**Enthalpy Lab II**

**Problems:**

1. **How can you measure the temperature change of 50 ml of water when you burn 2 different kinds of nuts?**
2. **How can you use the specific heat of water (4.184) and data that you collect to calculate the amount of heat given off by the two nuts?**

**Material: ring stand, beaker, 2 nuts and matches.**

**Mass of H2O:\_\_\_\_\_\_\_\_\_**

**Specific Heat of H2O:\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Nut** | **I.T. of Water** | **F.T. of Water** | **Change in Temp.** | **Change in Heat** |
| **1.)** |  |  |  |  |
| **2.)** |  |  |  |  |

**Calculations:**

**Conclusion: from notes**