Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hr.\_\_\_\_\_\_\_\_\_\_\_\_\_

Calorimetry, First Attempt, Sloppy!

1. On this graph, write the following points:

|  |  |
| --- | --- |
| Hot metal, when the metal gets dropped into water  http://www.kentchemistry.com/images/links/matter/image002.jpg  Write *start* and write  *stop* to indicate what will happen **to your iron** when you drop it in the water | Water, when it has something hot dropped into it.  http://www.kentchemistry.com/images/links/matter/image002.jpg  Write *start* and write  *stop* to indicate what will happen **to your water** when you in the hot metal |

1. Record your lab datz for three runs if possible, each with a different amount of water

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| water amount (mL) | water amount (grams) | cold water temperature (°C) | warm water temperature (°C) | change of water temperature |
|  |  |  |  |  |

1. Only describe what happened to the underlined item.
2. First trial, hot **metal** being dropped into cold water



1. First trial, hot metal being dropped into cold **water**

Important, record the water \_\_\_\_\_ grams



1. Second trial, hot **metal** being dropped into cold water



1. Second trial, hot metal being dropped into cold **water**

Important, record the water \_\_\_\_\_ grams



Errors [5 points!] What variables accidentally were not the same from run to run?+

1)

2)

3)

4)

5)

6)