**Ca and Change in heat Lab**

**Problem:**

1. **What compound will change the temperature the most when Ca is added to it: H20, CaCl2 or CuSO4?**

**Material: 3 pieces of Ca, 5 ml of each solution, thermometer, test tubes.**

**Data:**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Trial 1.) Change in Temp.****H20** | **Trial 2.)Change in Temp.****CaCl2** | **Trial 3.)Change in Temp.****CuSO4** |
| **Ca** |  |  |  |

**Conclusion: Use complete sentences. 50 word minimum. Answer the following questions:**

**What happens when Ca is added to water? Was Ca supposed to react with CaCl2? Why do you think it did? In what trials do you think that more than 1 chemical reactions were happening? What trial was supposed to react? Why? Which trials were not supposed to react? Why? Which trial had the biggest change in temperature? Why do you think this trial had the biggest change?**