Zinc & Iodine Lab Questions

1. What evidence was there that a chemical reaction occurred when you mixed the zinc & iodine?
2. What compound was formed?
3. How did you know when the reaction was complete?
4. Is a reaction in which heat is given off exothermic or endothermic?
5. What caused heat to be given off in this reaction? Think about what is happening on the atomic or molecular level.
6. Why do you think the reaction between zinc and iodine stopped?
7. In the second part, what evidence was there that the compound was decomposed by electrolysis?
8. What role did water play in each reaction?
9. Is the compound that formed an ionic or covalent compound? What is your evidence?
10. What is the formula for this compound?

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