**Enthalpy Problems I**

1. **If 2.2355 Kg Ca (SH = .647) reacted with HCl and the temperature went from 9 C to 39 C, what is the amount of heat that is given off?**
2. **If .00015 Kg Zn (SH = .39) reacted with HCl and the temperature went from 29 C to 34.56 C, what is the amount of heat that is given off?**