Honors Chemistry q lost = q gained worksheet

1. If 27 g of iron are dropped into 45 g of water at 65° F and the system comes to equilibrium at 35° C, what was the initial temperature of the iron?

2. You add 5.2 g of a metal at 99.0° C to 45 g of water at 20.5° C. The system comes to equilibrium at 21.0° C. What is the metal?

