Activity 5.2 pg 302 .

1. The copper and water should be equal

4.
$$Q_{cu} = - Q_{H_2O}$$

$$m_{cu} C_{cu} \Delta T = - m_{H_2O} C_{H_2O} (\sim 3-5 °C)$$
✓ ✓ ✓ ✓ ✓

$$\Delta T = - \boxed{}$$

$$T_f - T_i = - \boxed{}$$
↓ ↑ bunsen
Water burner
at the temperature
end

$$T_i = T_f + \boxed{}$$