1. What is the heat of solution of KCl dissolving in water?
2. Would KCl dissolve better in hot or cold water?
3. What is the heat of solution when CuSO4 dissolves?
4. Would CuSO4 dissolve better in hot or cold water?
5. What is the final temperature of a solution if 50.0 g of copper (II) sulfate dissolves in 200.0 g of water at 25.0°C? Assume the heat capacity of the solution is the same as water, 4.184 J/g∙°C.
6. What is the final temperature of a solution if 50.0 g of potassium chloride dissolves in 200.0 g of water at 25.0°C? Assume the heat capacity of the solution is the same as water, 4.184 J/g∙°C.