

**What you need to do:**

**Part A. KCl & H<sub>2</sub>O.**

1. Measure out 15 g of KCl. Make observations regarding its appearance in your lab notebook.
2. Use a graduated cylinder to obtain 100 mL of DI water and place it in a 250 mL beaker.
3. Using a thermometer record the initial temperature of the water.
4. Add the KCl to the water in the beaker and swirl gently.
5. While you continue to swirl the solution, take temperature readings of the water solution every 15 seconds for two minutes.
6. After the two minutes has passed, dispose of the solution down the sink.

**Part B. KOH & H<sub>2</sub>O.**

7. Measure out 15 g of KOH. Make observations regarding its appearance in your lab notebook.
8. Use a graduated cylinder to obtain 100 mL of DI water and place it in a 250 mL beaker.
9. Using a thermometer record the initial temperature of the water.
10. Add the KOH to the water in the beaker and swirl gently.
11. While you continue to swirl the solution, take temperature readings of the water solution every 15 seconds for two minutes.
12. After the two minutes has passed, dispose of the solution down the sink.