CH 2280
Post-lab: Synthesis \( p \)-Chlorophenoxyacetic Acid

Name_________________________  Section/TA_________________________

1. How many moles of 4-chlorophenoxyacetic acid should form in this reaction? Show your work.

2. What is the theoretical yield of 4-chlorophenoxyacetic acid (in grams)? Show your work.

3. What is your actual yield of 4-chlorophenoxyacetic acid (in grams)?

4. What is your percent yield of 4-chlorophenoxyacetic acid? Show your work.

5. What was the melting point of your 4-chlorophenoxyacetic acid?