

Calculations:

- 1) mass of NaClO_3 before heating = _____ g [show your work]
- 2) mass of NaCl at end of lab = _____ g [show your work!]
- 3) mass of oxygen produced = _____ g [show your work!]
(1 - 2)

- 4) percent of oxygen in sodium chlorate:

$$\frac{\text{mass of oxygen produced (\#3 above)}}{\text{mass of sodium chlorate used (\#1 above)}} \times 100 =$$

- 5) Write a sentence about your precision after gathering the answers from [three other groups](#). Be sure to say whether the four groups were precise (or not) and WHY you think so!
- 6) Calculate your accuracy by calculating your percent error. (NOTE: The correct answer is 45.09%)