

Name KEY
Section _____
Last 4 digits of SS _____
Chemistry 109
Quiz 6 3/14/00

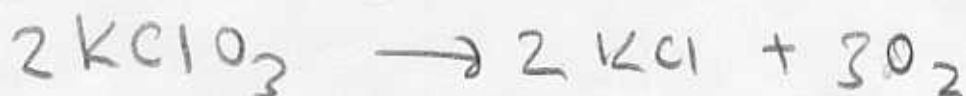
THERE IS NO NUMBER OF IMPLIED CORRECT ANSWERS TO QUESTIONS (ALL COULD BE RIGHT, ALL COULD BE WRONG). CLEARLY CIRCLE ANY CORRECT ANSWERS!

1. (3 pts) The hydrates of which salts will we investigate today?

- a) copper sulfate b) sodium nitrate c) nickel sulfate

2. You heat 1.0 g potassium chlorate in a test tube until all oxygen is lost:

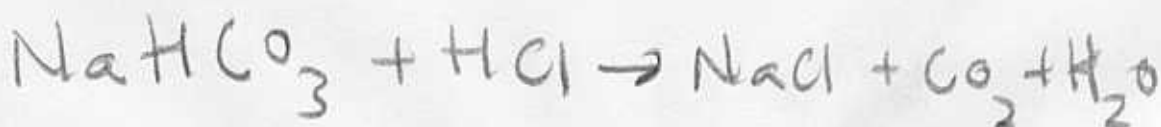
A. (2 pts) Write a balanced equation for this reaction!



B. (3 pts) How much should the remaining potassium chloride weigh? (Approximate atomic weights: K, 39; Cl, 35.5; O, 16)

0.61 g

3. (2 pts) Write a balanced reaction equation for the reaction of sodium bicarbonate with hydrochloric acid!



You will lose one point for each wrong assignment, or to a minimum of 0 points for a particular question.