

Name KEY
Section _____
Last 4 digits of SS _____

Chemistry 109
Quiz 2 2/8/00

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) Today, you will generate oxygen from the following chemicals:

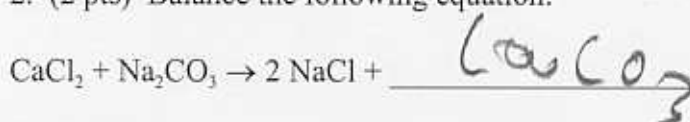
a) BaO_2

b) KClO_3

c) NaNO_3

d) H_2SO_4

2. (2 pts) Balance the following equation:



3. (2 pts) Density is defined as:

a) mass / volume

b) volume / mass

c) mass / volume $\times 100$

4. (2 pt) The hottest part of a burner flame is:

a) at the very top of the flame

b) right above the apex of the blue center cone
inside the flame

5. (1 pt) As a part of today's experiments, I will

a) burn wooden splint in oxygen

b) burn sulfur in oxygen

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