

Preclass Assignment

CHEM 1090-General Chemistry I

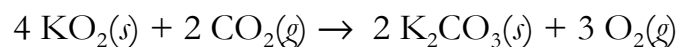
Name:

#5

Section: 33, TR

Due Date: Tuesday 2/5/2019

1. Use the following chemical equation:



a. Calculate the mass of O_2 produced from 8.000 g CO_2 and an excess of KO_2 .

b. Calculate the mass of O_2 produced from 8.000 g KO_2 and an excess of CO_2 .

c. What is the mass of O_2 that can be produced from 8.000 g KO_2 and 8.000 g CO_2 ? Justify your answer with a brief written explanation.