

# Preclass Assignment

## CHEM 1090-General Chemistry I

Name:

#7

Section: 32, TR

Due Date: Thursday 2/13/2020

1. A 100.0 g sample contains the following elements by mass:

24.5 g sodium      14.9 g silicon      60.6 g fluorine

Determine the empirical formula of this compound.

2. Calculate the mass of carbon, in grams, that is produced when 25.000 g sucrose decomposes:

