Name _____ Date _____ Period ___

Stoichiometry Practice

1. What mass of H_2O is produced if 65.2 g $CaCO_3$ reacts with excess H_3PO_4, to form $Ca_3(PO_4)_2$, H_2O, and CO_2?

2. What mass of O_2 forms when 49.89 g $KClO_3$ decomposes? (KCL also forms.)

3. Magnesium burns in oxygen to produce magnesium oxide. What mass of magnesium will burn in the presence of 189 mL of oxygen? The density of oxygen is 1.429 g/L.