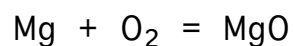


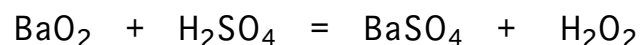
Stoichiometry Practice

(Hint: Make sure the equations are balanced before doing any calculations)

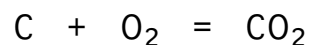
1. How many grams of oxygen are required to burn 0.750 g of Mg?



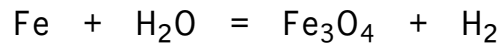
2. What mass of H_2O_2 can be prepared from 2.00 g of BaO_2 ?



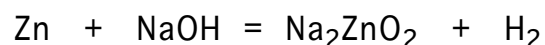
3. What mass of carbon will burn in 47.3 g of O_2 ?



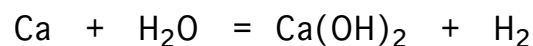
4. How many grams of Fe must have reacted if 47.0 grams of H_2 are produced in the reaction:



5. If 20 grams of zinc are mixed with 20 grams of NaOH, what is the limiting reactant :



6. To prepare 50.0 g of $\text{Ca}(\text{OH})_2$ from excess Ca, how much H_2O must be used?



7. 14.0 g of HCl reacts with excess O_2 . a) What mass of H_2O is produced? b) What mass of Cl_2 is produced? c) How much O_2 will be used?

