

Limiting Reagent Practice Worksheet



1. How many grams of NaCl can be produced by reacting 10.0 grams of NaHCO₃ with 10.0 grams of HCl in the above reaction?
2. How many grams of NaCl can be produced by reacting 5.0 grams of NaHCO₃ with 2.5 grams of HCl ?



3. If 1.25 grams of Fe is reacted with 5.00 g of oxygen gas, what mass of Fe₂O₃ ?
4. What mass of Fe is needed to react with excess oxygen to produce 5.00 grams of Fe₂O₃? (Not a limiting Reagent problem)



5. What mass of KI can be produced by reacting 1.25 g of K with 1.95 g of I₂ ?