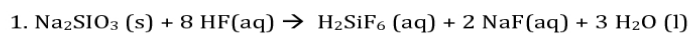
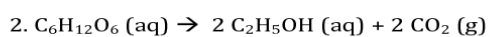


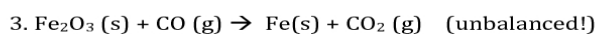
### Stoichiometry Worksheet



- How many moles of HF are needed to react with 0.300 mol of  $\text{Na}_2\text{SiO}_3$ ?
- How many grams of NaF form when 0.500 mol of HF reacts with excess  $\text{Na}_2\text{SiO}_3$ ?
- How many grams of  $\text{Na}_2\text{SiO}_3$  can react with 0.800 g of HF?



- How many moles of  $\text{CO}_2$  are produced when 0.400 mol of  $\text{C}_6\text{H}_{12}\text{O}_6$  reacts in this fashion?
- How many grams of  $\text{C}_6\text{H}_{12}\text{O}_6$  are needed to form 7.50 g of  $\text{C}_2\text{H}_5\text{OH}$ ?
- How many grams of  $\text{CO}_2$  form when 7.50 g of  $\text{C}_2\text{H}_5\text{OH}$  are produced?



- Calculate the number of grams of CO that can react with 0.150 kg of  $\text{Fe}_2\text{O}_3$