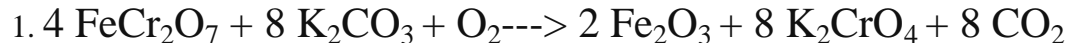
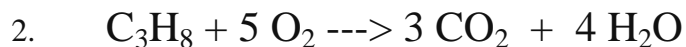


Stoichiometry Homework Day 1



- (a) How many grams of  $\text{FeCr}_2\text{O}_7$  are required to produce 44.0 g of  $\text{CO}_2$ ?
- (b) How many grams of  $\text{O}_2$  are required to produce 100.0 g of  $\text{Fe}_2\text{O}_3$ ?
- (c) If 300.0 g of  $\text{FeCr}_2\text{O}_7$  react, how many g of  $\text{O}_2$  will be consumed?
- (d) How many g of  $\text{Fe}_2\text{O}_3$  will be produced from 300.0 g of  $\text{FeCr}_2\text{O}_7$ ?



- (a) How many grams of  $\text{C}_3\text{H}_8$  must be burned to give 100.0 g of  $\text{CO}_2$ ?
- (b) How many moles of oxygen will be required for the reaction in part (a)?