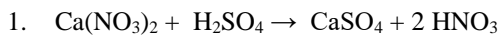
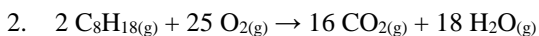


Questions to be completed and submitted to work towards credit earned in Chemistry 112.
Please email a picture or scanned copy of your work to Mrs. Arsenault.

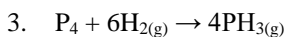
Material covered May 11 – 15



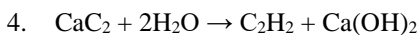
How many grams of HNO_3 are produced from 6.49×10^{22} molecules of $\text{Ca}(\text{NO}_3)_2$?



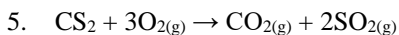
How many molecules of $\text{CO}_{2(\text{g})}$ are formed when 0.75L of $\text{O}_{2(\text{g})}$ reacts?



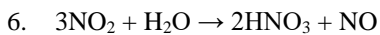
How many liters of $\text{PH}_{3(\text{g})}$ are formed when 1.75g of $\text{H}_{2(\text{g})}$ reacts?



How many molecules of C_2H_2 are produced from 24.75g of CaC_2 ?



How many liters of $\text{CO}_{2(\text{g})}$ are produced when 0.38L of $\text{SO}_{2(\text{g})}$ is formed?



How many grams of NO_2 must react with water to produce 5.00×10^{22} molecules of NO ?