

Calculate the following percent composition problems. Be sure to show all of your work!!!

1. What percent of glucose is carbon?
2. What percent of $\text{Zn}_3(\text{PO}_4)_2$ is zinc?
3. Given equal gram amounts of each, which has the higher percent composition of aluminum, Al_2O_3 or $\text{Al}(\text{NO}_3)_3$?
4. If you had 25.00g of Al_2O_3 and 45.00g of $\text{Al}(\text{NO}_3)_3$, which would contain more aluminum?
5. Find the percent of copper in an ore that contains 10% chalcopyrite, CuFeS_2 .