CHEMISTRY 3A --- WORKSHEET 12
CHAPTER 9

1. What is the percent oxygen is zinc sulfate, $ZnSO_4$?

2. What mass of phosphorus is contained in 15.042 g tetraphosphorus hexoxide, P_4O_6?

3. A sample of myristic acid, obtained from coconut oil, consists of 7.361 g of carbon, 1.238 g of hydrogen and 1.401 g of oxygen. What is the empirical formula of this compound?

4. A compound containing 52.143% carbon, 13.128% hydrogen and 34.729% oxygen has an observed molecular mass of 92.138. What is the molecular formula for the compound?