Empirical and Molecular Worksheet

Write the Empirical Formula, Empirical Mass and Molecular Mass for each of the following:	
a. P ₄ O ₆	e. C ₆ H ₈ O ₆
b. C ₆ H ₉	f. C ₁₀ H ₂₂
c. CH₂OHCH₂OH	g. Cu ₂ C ₂ O ₄
d. BrCl ₂	h. Hg ₂ F ₂
2. Write the Empirical Formula for Each of the Following:	
a. A compound composed of: 72% iron and 27.6% oxygen by mass.	
b. A compound composed of: 9.93% carbon, 58.6% chlorine, and 31.4% fluorine. c. A compound composed of: 5.56g carbon and .0933g hydrogen.	
3. Write the Molecular Formula for Each of th a. A compound with a molecular mass of 70g	
b. A compound with a molecular mass of 46.	0g and an empirical formula of NO₂.