

**Chem 2 AP Homework #5-1: Problems pg. 203-204 #4, 7, 13, 14, 18, 20, 22, 24, 26**

**13**    **0.739 atm**

**14**    **? atm = 0.797 atm**

**? kPa = 80.8 kPa**

**20**     **$P_2 = 53$  atm**

**22**    **(a)  $V_2 = 0.69$  L**

**(b)  $P_2 = 61$  atm**

**24**     **$T_2 = 1.3 \times 10^2$  K**

**26**    **The formula of the product is  $\text{ClF}_3$ .**