

Chem 2 AP Homework #5-2: Problems pg. 204-205 #5.27, 5.29, 5.32, 5.34, 5.38-5.44 (even), 5.48, 5.50, 5.130*

32 $P = 6.2 \text{ atm}$

34 $T_2 = 745 \text{ K} = 472^\circ\text{C}$

38 $V_2 = 0.82 \text{ L}$

40 $? \text{ L CO}_2 = 45.0 \text{ L CO}_2$

42 $P = 6.1 \times 10^{-3} \text{ atm}$

44 $\mathcal{M} = 35.0 \text{ g/mol}$

48 $d = 2.98 \text{ g/L}$



130 The nitrogen oxide is most likely NO_2 .