

Due Monday, 11/29/99, in class.

Show your work. Problem sets will be spot graded. Work must be shown.

$$R = 0.08206 \text{ liter atm K}^{-1} \text{ mole}^{-1} = 8.314 \text{ J K}^{-1} \text{ mole}^{-1}$$

$$h = 6.626 \times 10^{-34} \text{ J s} \quad c = 2.9979 \times 10^8 \text{ m s}^{-1}$$

1. T,S,&W Ch 7 Pb 7
2. T,S,&W Ch 7 Pb 9
3. T,S,&W Ch 7 Pb 10
4. T,S,&W Ch 7 Pb 15
5. T,S,&W Ch 7 Pb 18
6. T,S,&W Ch 7 Pb 20
7. T,S,&W Ch 7 Pb 22