

Chem 2 Final Fall 99 partial answers

- 13. 0.72 atm.
- 14. $0.22 \text{ M}^{-3} \text{ s}^{-1}$
- 15. 2
- 16 (b) 0.46 V
- 17. 23.7
- 18. 0.020
- 21. 8 hours
- 22. -82.6 kJ/mol
- 23. 1.20 N
- 24. 3.4×10^{-11}
- 25. 108,000 yrs
- 27. $5.0 \times 10^{-13} \text{ M}$
- 35 I $1.9 \times 10^{-9} \text{ M}$
II 0.0268 mol
- 36. $9.5 \times 10^{-10} \text{ M}$