

CHEM 2141 Survey of Physical Chemistry Homework #4
Due Tuesday February 28th 5:00 P.M.

Chapter 18: 1, 3, 5, 9, 10, 14, 18, 19 – Since answers listed in back of book, grading is based on work shown describing how you obtained answers.

For problem #9 use the density of water (1 gram cm^{-3}) and convert this to mol liter^{-1} for the concentration of sea water. Note $1 \text{ cm}^3 = 1 \text{ mL}$.