

Reading Assignment 09/17

(due: Wednesday, September 17, 9 am)

Read: §2.6

1.: Some people describe entropy as “the amount of disorder”. Describe with your own words, in which sense this is inaccurate and what instead describes entropy?

2.: A chamber is divided in half by a partition, and both halves are filled with an equal number of A molecules. Does the entropy increase significantly if the partition is then removed? What if initially A molecules are on the left and an equal number of B molecules are on the right?

3. Comments: What of this reading did you find most difficult and what did you find most interesting? Any other comments?

Homework due Wed, Sept. 17: 2.24 a & b, 2.24 c & d, 2.27