MATH 113: DISCRETE STRUCTURES
HOMEWORK DUE WEDNESDAY WEEK 5

Problem 1. *DM:EB* 3.6.1.

Problem 2. The book proves equation (3.5) via induction, which we haven't covered yet. Come up with a combinatorial proof of the identity. [*Warning*: *DM:EB* 3.6.4 gives a potentially misleading (but still workable) hint on this. You may want to come up with your own method.]