

**MATH 113: DISCRETE STRUCTURES**  
**READING QUESTIONS FOR MONDAY WEEK 6**

**Reading assignment.** *DM:EB §§3.2–3.6.*

*Question 1.* Are any of the results in these sections new to you? Which ones?

*Problem 2.* How many ways can you give nine children 20 pennies, assuming that each child receives at least one penny? What if you include the possibility of giving some of the children no pennies? (Go ahead and compute the binomial coefficients involved [with a calculator or computer] to get a feeling for how large they are.)