

Homework #9 (Due Thursday, March 27)

You may turn in on Monday, but you get the graded work back on Monday only if you turn it in on Thursday.

Test #5 will take place on **Tuesday, April 1**. It will cover Chapter 6. You are allowed to use a “**cheat sheet**”, which is of size $4\frac{1}{4}\text{in} \times 5\frac{1}{2}\text{in}$ (i.e. $\frac{1}{4}$ the standard letter size) and double-sided. You will be provided with relevant tables. However, there might be problems for which the tables don't work and you would therefore be forced to specifically use the formula ${}_nC_x p^x (1-p)^{n-x}$. Thus make sure you review how to calculate ${}_nC_x$ by hand. **Bring a calculator please!!!**

Turn in the following:

Section 6.2: (Second round)

17--28 all (even and odd),
29, 31, 33,
35, 37, 39,
43, 45, 49

Remark: In #43(c), the condition $np(1-p) \geq 10$ of p. 308 is not quite satisfied. But nevertheless let's still assume that the distribution is fairly bell-shaped and apply the Empirical Rule.