Problem Sets Prior to Test 1

*Only turn in problems that are **not** bracketed.* Bracketed problems are additional problems you can look at. Round brackets indicate problems that may help you with problems that are assigned; square brackets are additional problems on material that you should know, but you are not required to write up solutions; curly brackets are truly optional and may contain extra nuggets that you will not be required to know but may be interested in.

notation	meaning
unbracketed	assigned problem – turn these in for grading
()	helper/warm-up problem
[]	additional problems (you are responsible for content, but don't turn them in)
{}	covers optional material

Additional assignments will be filled in over time.

Due	Assignment	Source	Problems/Notes
Fri 1/8	PS 0	**	**1** Visit the course home page `http://rpruim.github.io/s241/W21` and familiarize yourself with what is there. **2** Fill out the pre-course Survey. (Link on dope sheet.)
Mon 1/11	PS 1	Worksheet 2	**2.1−2.5** Submit via Gradescope.
	PS 2	Moodle	Due at 1pm. You should be able to find it in Moodle.
Tue 1/12	PS 3	Notes 3	**1** Amy **2** dice [3] cards **4** parts **5** dice sum **6** dice difference **7** 3 kids **8** device
		Notes 4	**1** pdf [2] using area **3a** pdf from kernel
	PS 4	Moodle	
Wed 1/13	PS 5	Notes 3	**9** disease **11** defective **12** acceptance sampling
		Notes 4	**3b** mean and variance **5** Unif(0,10)
	PS 6	Moodle	Problems about normal distributions
Thu 1/14	PS 7	Notes 3	**10** smoking **13** M&M's
		Notes 4	**6** exponential dists [7] **8** probability
	PS 8	Moodle	critical values, confidence intervals, combinations and transformations
Fri 1/15	PS 9	Notes 5	**4** tall Dutch guys **7** stride rate **10** paper **11** Alice and Bob **12** Charlie and Denise [6] critical values [9] stress [14–22] review
		Notes 4	**9** wind [10] wind **11** Sam's wind **12** fitdistr [16–17] normal dists
	PS 10	Moodle	