

Problem Sets Between Test 1 and Test 2

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.

Additional assignments will be filled in over time.

PS	Due	Source	Problems
9	Mon 10/13	FASt 3	1–3 continuous distributions 4 exponential dist 6 variance formula 7 working with cdf 9 customer arrival
10	Fri 10/17	FASt 3	5 Cauchy dist 8 consecutive cars 11–12 find mgf 16–18 get mean and variance from mgf
11	Tues 10/21	FASt 3	13–14 find mgf [15] find mgf 19–20 get mean and variance from mgf [21–23] get mean and variance from mgf 24ab identify mgf 25 is it gamma? 26 middle of distribution 27 Weibull 28 Beta
12	Fri 10/24	FASt 3 FASt D.1	32 normal-quantile plots 1 MIAA basketball [2] MIAA basketball 3 lifetime 4 find your own data

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