

Problem Sets Between Tests 2 and 3

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
17	Wed 11/11	Stat 5.1-4	[1–3] 4 Venn diagram 7 Venn diagram [9] 14 fasteners 15 bits 17–18 forensics 20 components 23 control charts
18	Mon 11/16	Notes Stats 5	[11] extra credit 13 2 normals 14 sum of 4 15 covariance 32 bacteria 34 measurements 41 joint distribution
19	Fri 11/20	Stats 5	(46) piston rings 49 piston rings 48 standard error 51 batteries 57 aerosols 61 batteries
20	Wed 11/25	Stats 7	(9–11) 35–36 critical values 38–39 CI 43ab walk 49 tennis elbow 52 hexavalent chromium 53 concrete strength
21	Thu 12/3	Stats 7	21 wafer inspection 22 Bill of Rights 28–29 sample size 42a one-sided CI 77 Wilson CI
22	Fri 12/11	Stats 11 Calc 13	4a–e runoff 6 concrete 9 runoff [11] 12a [18] mist [19] elasticity 22 interval widths 23 milk 28 bearings [35] laser 37 sandy soil [39] snowpacks 52bc tanks [3] line integral [5] line integral [7] line integral [11] conservative integral [13] fundamental theorem [17] Green's Theorem 25 surface area [27] surface integral 33 Stokes' Thm 34 Divergence Thm

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