

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.

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

Due	Task	Source	Problems
Wed 2/16	WW06	Rosen 7	Probability
Fri 2/18	WW07	Rosen 7	Probability
Mon 2/21	WW08 PS 8	Rosen 7 Rosen 7.1 Rosen 7.2	Probability Note: $A^c = \bar{A}$ denotes the complement of A . For events, you can also write this as “not A ”. 26b lottery 28 super lottery [1-33 odd] [30] lottery [4] April [6] A or \heartsuit [8] $\heartsuit A$ [18] straight flush [35] roulette 8 permutation events 25 bit strings 28 children 31b children [1] [2] loaded die (5-7) permutation events [19] birth month [20] birth day
Wed 2/23	PS 9	Rosen 7.2 Rosen 7.3	29 odd one out (1) (3) (5) 2 4 6 steroids [8] rare disease [9] HIV [13] [14] [15] Monty Hall
Fri 2/25	WW09	Rosen 7	Probability
Wed 3/9	PS 10	Rosen 7.4 Rosen 6.SE Rosen 7.SE	(1) 3 rolling 6s 4 biased coin [5] loaded die 7 test score 8 three dice 1-2 donut-like 24
Fri 3/11 Review	WW10 –	Rosen 6-7 Rosen 6.RQ Rosen 6.SE Rosen 7.RQ Rosen 7.SE	Probability [1-2, 5, 8] [1-7] [1-6, 11] [1-5, 7a, 17, 23]