

Homework Completion Checklist

MDM4U1

Use this table to keep track of your homework and any difficulties.

Topic	Assigned Homework	Difficulties
Unit 1 Permutations and Organized Counting		
Organized Counting	read 227-8 do #1,5ac,6-17, 18ab,19,20,21a-d,24a	
Factorials and Permutations	239#1-4,6,7,9-11,13-17omit 16a, 18a, 19,20	
Permutations with Identical Items	245#1-7(not 6), 8a,9,10,12, 13, 14abce	
Pascal's Triangle	251#1-5,7,9,10,18abc	
Applying Pascal's Triangle	256#2-6,7a,8a,14	
Venn Diagrams	read 268-9, do 270#1- 6,8,10ab	
Combinations	279#2-9,11-13,15-20,22	
Combinations - Problem Solving	handout 286#1-10,11a,12,15-17,20a	
Unit 1 Review	260#2,3,6-9,11,12,14,15 261#1-5 296#1,2ab,4aceg,5-8,10,11 298#5-8	
Unit 2 Introduction to Probability		
Binomial Theorem	293#2- 4,9ace,10,11acf,14,15a	
Probability Concepts	handout	
Odds	318#1-5,7-9,10a,11ab,13	
Probabilities Using Counting Techniques	handout 324#3,5,6,7,8b,9,12a	
Dependent/Independent Events	334#2-5,9,10,12 handout	
Mutually Exclusive Events	340#1,3,4a,5abc,6,7,11a,15, 16	

Unit 2 Review	297#14,15ab,16cd,17,19,20 357#1,2ab,4,5,7,8ab,10-12, 14,15,16ab 360#2,3,4,8 handout	
Unit 3 Statistics of One Variable		
Sampling Techniques	117#1-5,7ab,8,9	
Bias in Surveys	123#1-6,8	
Measures of Central Tendency I	133#3,4,5,7,8,9abc	
Visual Displays of Data	handout	
Measures of Central Tendency II and Spread	133#11,14a 148#2,5-8,10,14,15a	
Unit 3 Review	151#1ab,2ab,3ab,6,7,9,10, 11,13,14,16,18,19	
Unit 4 Statistics of Two Variables		
Linear Correlation	168#1-3,5,6,10ab,11b	
Linear Regression	180#1,2,5,6,7	
Non-Linear Regression	191#1,5	
Cause and Effect	199#1-5,7,8,14	
Critical Analysis	CYU 209#1-3 209#1-5,8abcf use sketches	
Unit 4 Review	212#1a,3,4,7,8a,9,10,13 214#2-6	
Midterm Review		
	handouts	
	364#1,2a,5-8,10 477#11abc,12-18,19a,21,22 218#4ac,5,6,13,14,15a-d	

Unit 5 Probability Distributions		
General Probability Distributions	374#3ac,4,6ab,7,9,11,16abd,17b	
Binomial Distributions	385#1,3,5,6bc,7,8ab,12a	
Geometric Distributions	394#1a-d,3-5,7-9,11-13	
Hypergeometric Distributions Binomial Approx to Hyper	404#3,4a,5b,6b,7-12,13a,14ab overhead	
Binomial vs Hypergeo	overheads in class	
Unit 5 Review	406#2,5,7-10,13,14,15,18,20	
Unit 6 The Normal Distribution		
Normal Distribution	430#1-9,10a,11	
Normal Sampling/Modelling	439#1,3,8,12	
Normal Approx to Binomial	449#1-7,8a,9a,10,11a	
Sampling	457#1,3-5	
Hypothesis Testing	457#3-7,10,12 (redo 3-6 for a hypothesis test)	
Confidence Intervals	464#1,3,4,5,6,8a	
Sampling Sizes/Margin of Error	466#10-12,15abd,16,18	
Unit 6 Review	468#4,5,11a,13,15-18,20,21 472#2-4,6,8,9ab	

Unit 7 Matrices (additional unit – time permitting)		
Intro to Matrices	read 54-57 60#1,2,4-13,16,17a	
Matrix Multiplication	74#1-4	
Matrix Mult II	75#5,7	
Problem Solving with Matrices	75#8,13-16	
Markov Chains	353#1,2,3ab,4,6,7,8ab,10	
Unit 7 Review	80#24,25,27-29,31,32 359#18,18 83#9,11-13 361#11	