

## ADM2303 - Midterm Review Problems

1) Complete the Following Contingency Table:

	Canada	USA	Mexico	Total
High School	135	224	155	
College	155	113	49	
Undergrad	109	144	43	
Masters	54	35	12	
PHD	8	15	3	
Total				

2) Convert the above table to show marginal and joint probabilities

	Canada	USA	Mexico	Total
High School				
College				
Undergrad				
Masters				
PHD				
Total				

3) Compute the mean, variance, SD and Coefficient of Variation of the following data:

Outcome	\$2	\$4	\$6	\$8
Probability	0.1	0.3	0.5	0.1

4) Compute the mean, variance, SD and Coefficient of Variation of the following data:

Outcome	0.5kg	0.7kg	0.9kg	1.1kg
Probability	0.4	0.3	0.2	0.1