

Question 5 Incorrect	What two components make up the mean-square error? Answer: parameter \theta and decision function \delta (of statistic Y)		
Mark 0.00 out of 1.00			
	The correct answer is: Bias variance		
Question 6 Complete	In your own words, describe how a minimax decision function works.		
Mark 2.00 out of 2.00	A minimax decision function is one that produces the `best' worst-case scenario, that is, it produces a risk function whose maximum is less than or equal to the maximum of the risk function produced by any other decision function.		
	Comment:		
	Great response!		
Question 7 Correct	The MVUE is the best estimator among all unbiased estimators, provided one is using the mean square error loss function.		
Mark 1.00 out of 1.00	Select one:		
	● True		
	○ False		
	Correct		
	The correct answer is 'True'.		
Question 8 Complete	In your own words, describe the difference between a loss function and a risk function.		
Mark 2.00 out of 2.00	A loss function is a nonnegative number that characterizes how far off the ``decision'' (\delta(Y)) is from the true parameter \theta. The risk function is the expectation value of the loss function.		
	Comment: Good!		
Sufficiency part 2		mp to	Completeness and uniqueness part 1 ►