	MATH 126	Quiz	Nov. 28	Name:	
	No books, notes or graphing calcuators. Please turn off your cell phones. Show ALL your work.				
(10) 1. A rectangular box without a lid is to be made from 100m ² of cardboard.					
(a) What is the maximal volume of such a box?					

(b) Assume that the box must be at least 10m tall. What is the maximal volume the box in this case?