## King Fahd University of Petroleum and Minerals Department of Mathematics and Statistics

Math 131 (Term 153) - Quiz 4	
Exercise 1 A hand of 7 cards is dealt from a deck of 52  (a) [2 points] How many hands are possible.	
(b) [3 points] How many hands are possib	ole with 3 hearts and 2 black cards?
	is the sample space for an experiment with events <b>4, 6, 8</b> }. Assume we have a <u>uniform probability model</u>
(b) [2 points] P(E∪G)	

(c) [2 points]  $P[(E \cup G) \cap F']$