	1) a) $P(A,B X) = P(B X)P(A B,X)$
	$\frac{P(A,B,X)}{P(X)} = \frac{P(A B,X)P(B X)P(X)}{P(X)} = P(A B,X)P(B X)$
	$P(X) = P(\lambda B,X)P(B X)$
	b) P(A, B, C, D) = P(A   B, C, D) P(B   C, D) P(C   D) P(D)
	The general form of the chain rule is P(A, A,, An) =
	P(A, IA, An) P(An IA, An) P(An IAn) P(An), therefore
	P(A,B,C,D) = P(A B,C,D) P(B C,D) P(C D) P(D).
	C) Yes because the chain rule deals with multiplication it doesn't matter
	2) a) P(A) P(B/A) = 1/2 · 1/2 = 1/4 what variables are use
	6) P(C A) P(C -A) = 1/2.1 = 1/2
	c) O because you can never have Band C at the same fine
	3) @ @ @ @ @ @ @
	yellow so% green 20%
	was green 1/4 3/3
	not green 3/4 1/3
	yellow green
	Was green 0.2 0.13333
	not gren 0.6 0.06660
	0.2 + 0.13333 = ===============================
	$\frac{0.1^{233}}{\frac{1}{3}} = 0.4$
Harris .	
	4) a) It would be difficult because the variation would be too
	high. The odds of documents starting the same way and
	having words in the same positions is very slim
The state of	