4	(a)	Writ	the down the term in b^5 in the expansion of $(a+b)^{12}$.	[1]
	(b)	A variable X has a binomial distribution such that $P(X = 5)$ is given by the term in part (a		
		(i)	State a condition that must be satisfied by a and b .	[1]
		(ii)	State the distribution of X . Give the values of any parameters.	[2]