11	The probability that Janice sees a kingfisher on any particular day is 0.3 . She notes the number, X , of days in a week on which she sees a kingfisher.		
	(i)	State one necessary condition for X to have a binomial distribution.	[1]
	Assume now that X has a binomial distribution.		
	(ii)	Find the probability that, in a week, Janice sees a kingfisher on exactly 2 days.	[1]
	Each week Janice notes the number of days on which she sees a kingfisher.		
	(iii)	Find the probability that Janice sees a kingfisher on exactly 2 days in a week during at least 4 randomly chosen weeks.	of 6 [3]