1	A boat company organises a trip to see whales each day.	
	The company advertises that customers see whales on 80% of its trips.	
	Throughout the year, Ali goes on 10 of these trips on randomly chosen days.	
	(a) Suggest a suitable distribution to model the number of trips where Ali sees whales.	(1)
	(b) Using this model, find the probability that Ali sees whales on	
	(i) exactly 8 of the trips,(ii) at least 7 of the trips.	
	(ii) at least i of the trips.	(3)
	Sam really wants to see whales, so goes on a trip each day for 10 consecutive days.	
	(c) State a limitation of using the model in part (a) to represent the number of trips where Sam sees whales.	
		(1)