Ó	resp	actory produces chocolates in three flavours: lemon, orange and strawberry in the ratio 3:5:7 pectively. Nell checks the chocolates on the production line by choosing chocolates randomly one time.
	(a)	Find the probability that the first chocolate with lemon flavour that Nell chooses is the 7th chocolate that she checks.
	(b)	Find the probability that the first chocolate with lemon flavour that Nell chooses is after she has checked at least 6 chocolates. [2]
		prise' boxes of chocolates each contain 15 chocolates: 3 are lemon, 5 are orange and 7 are wberry.
		a has a box of Surprise chocolates. She chooses 3 chocolates at random from the box. She eats a chocolate before choosing the next one.
	(c)	Find the probability that none of Petra's 3 chocolates has orange flavour. [2]

and the probability that at least 2 of Petra's 3 chocolates have strawberry flavour given that them has orange flavour.