5	On Mondays, Rani cooks her evening meal. She has a pizza, a burger or a curry with probabilities
	0.35, 0.44, 0.21 respectively. When she cooks a pizza, Rani has some fruit with probability 0.3.
	When she cooks a burger, she has some fruit with probability 0.8. When she cooks a curry, she never
	has any fruit.

(a) Draw a fully labelled tree diagram to represent this information.

[2]

(b)	Find the probability that Rani has some fruit.	[2]
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(c)	Find the probability that Rani does not have a burger given that she does not have any fruit.	[4]
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