13	Andy and Bev are playing a game.	
	 The game consists of three points. 	
	• On each point, P(Andy wins) = 0.4 and P(Bev wins) = 0.6.	
	 If one player wins two consecutive points, then they win the game, otherwise neither players. 	ayer
	(a) Determine the probability of the following events.	
	(i) Andy wins the game.	[2]
	(ii) Neither player wins the game.	[3]
	 Andy and Bev now decide to play a match which consists of a series of games. In each game, if a player wins the game then they win the match. If neither player wins the game then the players play another game. 	
	(b) Determine the probability that Andy wins the match.	[3]