1	(a)	$\frac{1}{3},\frac{2}{3}$ $\frac{1}{3},\frac{2}{3},\frac{1}{3},\frac{2}{3}$	B2	six fully correct probabilities	Accept any equivalent fraction, decimal form 0.33(3...) and 0.66(6...) or 0.67 or percentage form 33(.3...)% and 66(.6...)% or 67%
			(B1	at least 2 correct probabilities)	
	(b)	$\frac{2}{9}$	M1	for $\frac{1}{3}\times\frac{2}{3}$ oe or ft probabilities from diagram	
			A1	for $\frac{2}{9}$ oe	Accept any equivalent fraction, decimal form 0.22(2...) or percentage form 22(.2...)%

2	(a)	0.7	B1	for 0.7 on the first branch	Accept equivalent fractions or percentages for probabilities
		0.65, 0.65	B1	for 0.65, 0.65 on the second branches	
	(b)	0.105	M1	for 0.3 × 0.35	
			A1	oe	

3	$\frac{62}{72}$	M1	for one correct product, eg $\frac{5}{8}\times\frac{7}{9}$ $(=\frac{35}{72})$ oe **or** $\frac{3}{8}\times\frac{2}{9}$ $(=\frac{6}{72})$ oe **or** $\frac{3}{8}\times\frac{7}{9}$ $(=\frac{21}{72})$ oe **or** $\frac{5}{8}\times\frac{2}{9}$ $(=\frac{10}{72})$ oe	
		M1	for a full method, eg $\frac{5}{8}\times\frac{7}{9}+\frac{3}{8}\times\frac{2}{9}+\frac{3}{8}\times\frac{7}{9}$ oe **or** $1-\frac{5}{8}\times\frac{2}{9}$ oe	
		A1	for $\frac{62}{72}$ oe eg $\frac{31}{36}$	