

11	(a)	0.2, 0.15,0.85,0.15	B2	all placed correctly	
			(B1	for 2 or 3 placed correctly)	
	(b)	0.29	M1	for one correct product, ft their tree diagram eg $0.8 \times 0.85 (= 0.68)$ or $0.8 \times "0.15" (= 0.12)$ or $"0.2" \times "0.85" (= 0.17)$ or $"0.2" \times "0.15" (= 0.03)$	
			M1	for a complete method, ft their tree diagram eg $"0.2" \times "0.85" + 0.8 \times "0.15"$ or $1 - (0.8 \times 0.85 + "0.2" \times "0.15")$	Working for part (b) may be seen in part (a) To apply ft values must be < 1
			A1	for 0.29 oe or ft their tree diagram	Cannot award A1ft if answer > 1