1(a)	1	B1	
	Additional Guidance		
	1 and frequency 9		B1
	1 and 9 times		B1
	1 and 9 or 1, 9		B0
1(b)	(0 × 5 and) 1 × 9 and 2 × 8 and 3 × 6 and 4 × 2 or (0 and) 9 and 16 and 18 and 8 or 51	M1	allow one error
	(0 + 9 + 16 + 18 + 8) ÷ 30 or 51 ÷ 30 or their 51 ÷ 30	M1dep	without working their 51 must be the correct sum of their products
	1.7	A1	oe
	Additional Guidance		
	1.7 seen with 2 on answer line		M1M1A1
	(5 + 9 + 16 + 18 + 8) ÷ 30		M1M1
	Products 5 9 16 18 8 and 55 ÷ 30		M1M0
	51 ÷ 5		M1M0
	0 + 9 + 16 + 18 + 8 ÷ 30 unless recovered		M1M0
	Correct products seen with 30 ÷ 5 or 30 ÷ 10		M0

Q	Answer	Mark	Comments
2(a)	$\frac{9}{16}$	B1	oe fraction, decimal or percentage eg 0.5625 or 56.25%
	Additional Guidance		
	Ignore incorrect simplification or conversion of a correct probability to a fraction, decimal or percentage but not a ratio eg1 $\frac{9}{16}$ 0.55 eg2 $\frac{9}{16}$ 9 : 16		B1 B0
	Ignore words alongside a correct probability eg1 $\frac{9}{16}$ unlikely eg2 9 out of 16 $\frac{9}{16}$		B1 B1
	Do not accept answer given in words or as a ratio eg 9 out of 16		B0

Q	Answer	Mark	Comments
2(b)	Linear scale starting at 0 and increasing in 1s or 2s on vertical axis Vertical axis labelled frequency or f or Number or How many Bars or horizontal axis labelled with four types of juice (accept A, G, O, M) Four bars with equal widths Equal gaps or no gaps between the four bars All four heights correct	B3	bar chart could be horizontal bars may be in any order B3 for all criteria met B2 for 4 or 5 criteria met B1 for 3 criteria met or a fully correct 2-bar or 3-bar chart
	Additional Guidance		
	Mark intention throughout		
	If axes and labels do not match the orientation of the bar chart then only criteria 4, 5 and 6 may be awarded		B1 max
	All values not needed for axis scale. For example 0 can be implied, but spacing must be linear		
	Allow words after 'Number' on axis label, eg 'Number chosen' or 'Number of people'		
	Condone a different gap between the vertical axis and the first bar to the other, equal gaps		
	If no scale or a non-linear scale is given, bars with heights 6, 1, 4, 5 squares meet the height criterion		
	Allow heights criterion if their heights match their labels for their non-linear scale and it is linear between 1 and 6		
	Points only or vertical lines can score the marks for criteria 1, 2, 3 and 6		B2 max