Statistics and Probability Revision											2
(a)							(b)	(c)			
each 32 28	of fou				naxim	um July temperature, in $^{\circ}C$ , inorld.(i) Write down themaximum Julytemperature forLondon.	Here is a list of Brooke's last seven scores in her spelling tests. 9 7 4 7 8 5 7 (i) Write down the mode of	The two-way table shows the favourite science of 90 students surveyed in Year 7 and Year 8. Complete the tway table.			
0°) 20						23° <i>C</i>	these scores.		Y7	Y8	Total
Temperature (°C)						(ii) The maximum July	7	Physics	17	8	25
Temp 8						temperature for Tokyo is 19° <i>C</i> . Draw a bar on the chart to show this	(ii) Find the range of Brooke's spelling test scores.	Biology	20	22	42
4								Chemistry	10	13	23
0	Pa	ris L	ondon	Oslo	o Mur	bai Tokyo information.	5	Total	47	43	90
(d)							(e)	(f)			
(i) Co		ete th	ie tab	le to	tog show	wn twice, and the scores added ether. (ii) Find the probability that when the dice is thrown twice	Here are the number of books read by each of eight students across a one year period.	$\xi = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$ $A = \{odd \ numbers\}$ $B = \{prime \ numbers\}$			
	First Throw the total score is 4.						11 5 6 5 12 9 10 10				
		1	2			$\frac{3}{16}$	(i) Find the median number of books read.	(i) List all the members of the set $A \cap B$			
Second Throw	1	2	3	4	5	<u>16</u>	9.5	{3, 5, 7}			
	2	3	4	5	6	(ii) Find the probability that when the dice is thrown the	9.5 (ii) Calculate the mean number of books read.	(ii) List all the members of the set $A \cup B$			
. puo	3	4	5	6	7	total score is an odd number.					
Sec	4	5	6	7	8	$\frac{8}{16}$	8.5	{1, 2, 3, 5, 7, 9}			