

Two Way Tables

November 2021 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance
9	4 5 23 32 8 9 7 24 12 14 30 56	B3 (B2) (B1)	for a fully correct table for at least 7 figures correctly placed) for the given values correctly placed in the table or one correct row or column)	Given values in bold Given values: 5, 32, 8, 12, 14, 56

November 2024 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
11 (a)	110 70 100 280 90 80 50 220 200 150 150 500	C3 (C2) (C1)	for a fully correct table for 6 or 7 or 8 or 9 or 10 correct entries) for 3 or 4 or 5 correct entries)	
(b)	$\frac{100}{500}$	M1	for $\frac{a}{500}$ where $0 < a < 500$ or for $\frac{100}{b}$ where $100 < b \leq 500$ or ft their table	100:500 scores M1A0 For M1 ft their table this is for $\frac{\text{their value of adult action from table}}{c}$ where $\text{their value of action adult} < c \leq 500$
		A1	for $\frac{100}{500}$ oe or ft their table	For A1 ft their table is for $\frac{\text{their value of adult action from table}}{500}$

June 2024 Paper 3

Question	Answer	Mark	Mark scheme	Additional guidance			
13	Table completed	B3	for all 6 correct	(33)	27	(34)	94
		(B2)	for 4 or 5 correct entries)	35	(45)	33	(113)
		(B1)	for 2 or 3 correct entries)	68	72	(67)	(207)

June 2022 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance
13	53 19 67 139 17 26 16 59 70 45 83 198	B3 (B2 (B1	for a fully correct table for at least 7 figures correctly placed) for the 4, 5 or 6 values correctly placed)	

June 2020 Paper 1

Question	Answer	Mark	Mark scheme	Additional guidance
14	Completed table	M1	for correctly entering two of 11, 2, 5, 10 (= 30 – 20)	4 2 4 10 1 8 11 20 5 10 15 30
		M1	(indep) for using the rule for the top row eg. ([10 males] – [2 male tennis]) ÷ 2 (=4)	Award 2 nd M1 if top row is correct
		A1	for complete correct table	

November 2023 Paper 2

Question	Answer	Mark	Mark scheme	Additional guidance																								
16	24	P1	for finding the total for adults, eg $160 - 85 (= 75)$ or for finding adult romance, eg $33 - 19 (= 14)$ or for finding children adventure, eg $76 - 34 (= 42)$	<table border="1"> <thead> <tr> <th></th> <th>R</th> <th>A</th> <th>H</th> <th>T</th> <th>Tot</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>19</td> <td>42</td> <td>4</td> <td>20</td> <td>85</td> </tr> <tr> <td>A</td> <td>14</td> <td>34</td> <td>20</td> <td>7</td> <td>75</td> </tr> <tr> <td>Tot</td> <td>33</td> <td>76</td> <td>24</td> <td>27</td> <td>160</td> </tr> </tbody> </table>		R	A	H	T	Tot	C	19	42	4	20	85	A	14	34	20	7	75	Tot	33	76	24	27	160
			R		A	H	T	Tot																				
		C	19		42	4	20	85																				
		A	14		34	20	7	75																				
Tot	33	76	24	27	160																							
P1	for finding adult horror, eg “75” – 34 – “14” – 7 (= 20)																											
P1	for a process to find the number of children who chose horror, eg $85 - 19 - “42” - “20” (= 4)$ or for a complete process to find total horror, eg $(85 - 19 - “42” - “20”) + “20”$ or $160 - 33 - 76 - (“20” + 7)$																											
A1	cao	A correct answer unsupported will score 1 mark only																										

November 2022 Paper 3

Question	Answer	Mark	Mark scheme		Additional guidance																								
23	22	P1	for process to find total choosing German eg $200 - 104 - 70 (=26)$	for process to find girls choosing French (44) or total number of girls (110)	<table border="1"> <thead> <tr> <th></th> <th>F</th> <th>S</th> <th>G</th> <th>total</th> </tr> </thead> <tbody> <tr> <td>girls</td> <td>44</td> <td>48</td> <td>18</td> <td>110</td> </tr> <tr> <td>boys</td> <td>60</td> <td>22</td> <td>8</td> <td>90</td> </tr> <tr> <td>total</td> <td>104</td> <td>70</td> <td>26</td> <td>200</td> </tr> </tbody> </table>						F	S	G	total	girls	44	48	18	110	boys	60	22	8	90	total	104	70	26	200
	F	S	G	total																									
girls	44	48	18	110																									
boys	60	22	8	90																									
total	104	70	26	200																									
		P1	for complete process to find boys choosing Spanish eg $90 - (60 + ("26" - 18))$	for complete process to find boys choosing Spanish eg $70 - ("110" - "44" - 18)$																									
		A1	cao																										