

TWO WAY TABLES

Pearson Edexcel - Tuesday 19 May 2020 - Paper 1 (Non-Calculator) Foundation Tier

1.

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	

Pearson Edexcel - Tuesday 21 May 2019 - Paper 1 (Non-Calculator) Foundation Tier

2.

21	14	P1	for process to find total number of boys, $40 - 22 (= 18)$ OR the number of girls who travel by bus $10 - 6 (= 4)$	<table border="1"> <tr> <td></td> <td>W</td> <td>C</td> <td>B</td> <td></td> </tr> <tr> <td>boy</td> <td>5</td> <td>(7)</td> <td>(6)</td> <td>18</td> </tr> <tr> <td>girl</td> <td>(9)</td> <td>9</td> <td>4</td> <td>(22)</td> </tr> <tr> <td></td> <td>14</td> <td>16</td> <td>(10)</td> <td>(40)</td> </tr> </table>		W	C	B		boy	5	(7)	(6)	18	girl	(9)	9	4	(22)		14	16	(10)	(40)
			W		C	B																		
		boy	5		(7)	(6)	18																	
		girl	(9)		9	4	(22)																	
	14	16	(10)	(40)																				
P1	for process to find the number of girls who cycle to school $22 - "4" - 9 (=9)$ OR the number of boys who walk to school $"18" - 6 - 7 (= 5)$																							
P1	full process to find the total number of students who walked to school eg $"5" + 9$ or $40 - (6 + 7 + "4" + "9")$																							
A1	cao	Note 16 is $7+9$ and 10 is $6+4$ $6+7$ is 13 and $4+9=13$ may be seen as intermediate steps																						

Pearson Edexcel - Thursday 2 November 2017 - Paper 1 (Non-Calculator) Foundation Tier

3.

12	(a)	12 7 19 18 8 26 30 15 45	Correct table	B3	Fully correct table
	(b)	$\frac{8}{45}$		(B2)	for 5, 6, 7 or 8 figures correct
				(B1)	for given values entered correctly in the table or for a correct row or column)
				B1	for $\frac{8}{45}$ or ft from values in table eg $\frac{8}{45}$

Pearson Edexcel – Specimen 1 - Paper 1 (Non-Calculator) Foundation Tier

4.

11	(5) 3 (4) (12)	table	C1	for at least 2 correct numbers
	6 (7) 5 18		C1	for at least 4 correct numbers
	11 10 (9) (30)		C1	for completed table

Pearson Edexcel – Sample Papers - Paper 3 (Calculator) Foundation Tier

5.

23	(a)	$\frac{388 - 320}{320} \times 100 =$	21.25	M1 For a complete method A1 21.25%
	(b)	A 388 (million) ÷ 3200 = £0.12125 million (£121 250) B 57(million) ÷ 640 = £0.0890625 million (£89062.50)	Company A + evidence	M1 Method to find sales/person for A or B for 2014 A1 £121 250 or £89062.50 C1 Company A with £121 250 and £89062.50

OCR Sample Question Paper 2 – Morning/Afternoon (Non - Calculator) Foundation Tier

6.

16	(a)	Outcomes not equally likely oe	1 1 AO3.4b	
	(b)	Larger number of trials	1 1 AO3.4a	
	(c)	0.09 - 0.16	2 1 AO1.3a 1 AO2.1b	M1 for $\left(\frac{48}{150}\right)^2$ or 0.35 ² or any reasonable estimate (FT <i>their</i> (b))

AQA Tuesday 19 May 2020 – Morning (Non-Calculator) Foundation Tier

7.

Q	Answer	Mark	Comments
16(a)	$\frac{11}{36}$	B2	B1 $\frac{22}{72}$ or 11 out of 36 or correctly simplified proper fraction that originally had a denominator >13
	Additional Guidance		
	Condone 11 out of 36 with $\frac{11}{36}$ (together on the answer line)	B2	
	$\frac{11}{36}$ in working and 11 out of 36 on answer line	B1	
	$\frac{22}{150} = \frac{11}{75}$	B1	
	$\frac{2}{4} = \frac{1}{2}$	B0	
	22 out of 72 with no other working 22 out of 72 with $\frac{22}{72}$	B0 B1	
	11 : 36	B0	

Q	Answer	Mark	Comments
16(b)	$\frac{41}{78}$	B1	oe fraction, decimal or percentage
	Additional Guidance		
	Ignore attempts to simplify or convert a correct fraction		
	Ignore probability words		
	Decimals or percentages to 2sf or better		
	41 out of 78 or 41 in 78 or 41 : 78 is B0 however, condone 41 out of 78 or 41 in 78 with a correct fraction, decimal or percentage (together on answer line) but do not accept 41 : 78 with a correct fraction, decimal or percentage (together on answer line)	B1 B0	

Q	Answer	Mark	Comments
16(c)	$\frac{17+13}{150}$ or $\frac{30}{150}$ or $30 \div 150$ or 0.2	M1	oe
	20	A1	SC1 for 80 (not car) or 49 or better (Bus) or 31 or better (Walk)
	Additional Guidance		
	Build up method: 150 = 100%, 15 = 10%, 30 = 20%, answer 20% 150 = 100%, 15 = 10%, 15 × 2 = 10% × 2, 30 = 25%, answer 25% 150 = 100%, 15 = 10%, 30 = 15%, answer 15%		M1A1 M1A0 M0A0
	$\frac{30}{150}$ seen, then 30% of 150 attempted		M1A0
30 out of 150 or 30 : 150 with no other working		M0A0	