



# r/IGCSE Resources

Topical Worksheets for Cambridge IGCSE™  
Mathematics (0580/0980)

Statistics

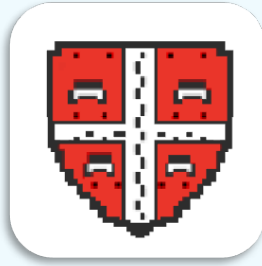
[Mark Scheme](#)

1<sup>st</sup> edition, for examination until 2025

Question	Answer	Marks	AO Element	Notes	Guidance
1	12.8 4.4 0.8	3		<b>B2</b> for 2 correct heights or 3 correct frequency densities  or <b>B1</b> for 1 correct height or 2 correct frequency densities	
2(a)(i)	$1.5 < h \leq 1.6$	1			
2(a)(ii)	1.62 or 1.623... nfw	4		<b>M1</b> for 1.35, 1.45, 1.55, 1.65, 1.75 1.85 soi  <b>M1</b> for $\Sigma fx$  <b>M1 dep</b> for <i>their</i> $\Sigma fx \div$ 120	
2(b)(i)	$\frac{14}{120}$ oe	1			

Question	Answer	Marks	AO Element	Notes	Guidance
2(b)(ii)	$\frac{21}{20060}$ oe	4		<p><b>M3</b> for</p> $3 \left( \frac{14}{120} \times \frac{7}{119} \times \frac{6}{118} \right)$ <p>or <b>M2</b> for</p> $\frac{14}{120} \times \frac{7}{119} \times \frac{6}{118} \text{ isw}$ <p>or <b>M1</b> for</p> $\frac{14}{120}, \frac{7}{119}, \frac{6}{118}$ <p>After 0 scored, <b>SC1</b> for answer</p> $\frac{343}{864000} \text{ or } \frac{343}{288000}$ <p>oe</p>	
2(c)(i)	55, 79, 106, 120	2		<b>B1</b> for 2 or 3 correct	
2(c)(ii)	Correct diagram	3		<p><b>B1</b> for correct horizontal plots</p> <p><b>B1FT</b> for correct vertical plots</p> <p><b>B1FT dep on at least B1</b> for reasonable increasing curve or polygon through <i>their</i> 6 points</p> <p>If 0 scored <b>SC1</b> for 5 out of 6 points correctly plotted</p>	

Question	Answer	Marks	AO Element	Notes	Guidance
2(d)(i)	1.62 to 1.63	1			
2(d)(ii)	1.57 to 1.58	2		<b>B1</b> for 48 soi	
3	Correct histogram	4		<b>B1</b> for each correct block  If 0 scored, <b>SC1</b> for 5, 20, 24, 1 seen	
4	16.6 or 16.60 to 16.61 nfw	4		<b>M1</b> for 5, 12.5, 17.5, 22.5, 30 soi  <b>M1</b> for $\sum fx$ where $x$ is in correct interval, including boundaries  <b>M1 dep</b> on second M1 for $\frac{\sum fx}{50+85+100+120+10}$	
5	Fully correct histogram	4		<b>B1</b> for each correct bar  If 0 scored, <b>SC1</b> for frequency densities of 5.4, 4.2, 0.8 and 0.45 seen	
[Total: 33]					



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## Acknowledgements and Information:

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