GCSE
STATISTICS
8382/2F
Foundation Tier Paper 2
Mark scheme
June 2022
Version:1.0 Final

Mark schemes are prepared by the Lead Assessment Writer and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation events which all associates participate in and is the scheme which was used by them in this examination. The standardisation process ensures that the mark scheme covers the students' responses to questions and that every associate understands and applies it in the same correct way. As preparation for standardisation each associate analyses a number of students' scripts. Alternative answers not already covered by the mark scheme are discussed and legislated for. If, after the standardisation process, associates encounter unusual answers which have not been raised they are required to refer these to the Lead Examiner.

It must be stressed that a mark scheme is a working document, in many cases further developed and expanded on the basis of students' reactions to a particular paper. Assumptions about future mark schemes on the basis of one year's document should be avoided; whilst the guiding principles of assessment remain constant, details will change, depending on the content of a particular examination paper.

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## Glossary for Mark Schemes

GCSE examinations are marked in such a way as to award positive achievement wherever possible. Thus, for GCSE Statistics papers, marks are awarded under various categories.

If a student uses a method which is not explicitly covered by the mark scheme the same principles of marking should be applied. Credit should be given to any valid methods. Examiners should seek advice from their senior examiner if in any doubt.

M Method marks are awarded for a correct method which could lead to a correct answer.

A Accuracy marks are awarded when following on from a correct method. It is not necessary to always see the method. This can be implied.

B Marks awarded independent of method.
ft Follow through marks. Marks awarded for correct working following a mistake in an earlier step.

SC Special case. Marks awarded for a common misinterpretation which has some mathematical worth.

M dep A method mark dependent on a previous method mark being awarded.

B dep A mark that can only be awarded if a previous independent mark has been awarded.
oe $\quad$ Or equivalent. Accept answers that are equivalent. eg accept 0.5 as well as $\frac{1}{2}$
[a, b] Accept values between a and b inclusive.
[a, b) $\quad$ Accept values $\mathrm{a} \leq$ value $<\mathrm{b}$
3.14... Accept answers which begin 3.14 eg 3.14, 3.142, 3.1416

Use of brackets It is not necessary to see the bracketed work to award the marks.

Examiners should consistently apply the following principles

## Diagrams

Diagrams that have working on them should be treated like normal responses. If a diagram has been written on but the correct response is within the answer space, the work within the answer space should be marked. Working on diagrams that contradicts work within the answer space is not to be considered as choice but as working, and is not, therefore, penalised.

## Responses which appear to come from incorrect methods

Whenever there is doubt as to whether a student has used an incorrect method to obtain an answer, as a general principle, the benefit of doubt must be given to the student. In cases where there is no doubt that the answer has come from incorrect working then the student should be penalised.

## Questions which ask students to show working

Instructions on marking will be given but usually marks are not awarded to students who show no working.

## Questions which do not ask students to show working

As a general principle, a correct response is awarded full marks.

## Misread or miscopy

Students often copy values from a question incorrectly. If the examiner thinks that the student has made a genuine misread, then only the accuracy marks (A or B marks), up to a maximum of 2 marks are penalised. The method marks can still be awarded.

## Further work

Once the correct answer has been seen, further working may be ignored unless it goes on to contradict the correct answer.

## Choice

When a choice of answers and/or methods is given, mark each attempt. If both methods are valid then M marks can be awarded but any incorrect answer or method would result in marks being lost.

## Work not replaced

Erased or crossed out work that is still legible should be marked.

## Work replaced

Erased or crossed out work that has been replaced is not awarded marks.

## Premature approximation

Rounding off too early can lead to inaccuracy in the final answer. This should be penalised by 1 mark unless instructed otherwise.

## Continental notation

Accept a comma used instead of a decimal point (for example, in measurements or currency), provided that it is clear to the examiner that the student intended it to be a decimal point.

| $\mathbf{Q}$ | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{1}$ | lower quartile | B 1 |  |


| $\mathbf{Q}$ | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{2}$ | C | B1 |  |


| $\mathbf{Q}$ | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{3}$ | $\frac{3}{5}$ | B 1 |  |


| $\mathbf{Q}$ | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{4}$ | stem-and-leaf diagram | B1 |  |


| Q | Answer | Marks | Comments |  |
| :---: | :--- | :---: | :---: | :---: |
| $54(\mathrm{a})$ | 293 | B1 |  |  |
|  | Additional Guidance |  |  | B1 |
|  | Condone 293000000 |  |  |  |


| Q | Answer | Marks |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 5(b) | Sight of any correct subtraction | M1 | eg 544 <br> or 513 <br> or 459 <br> or the reve  | $\begin{aligned} & -338 \\ & -215 \\ & -123 \\ & \text { hese } \end{aligned}$ |
|  | 2017 with no incorrect working seen | A1 | accept with |  |
|  | Additional Guidance |  |  |  |
|  | Please check table for workings |  |  |  |
|  | Answers to any correct subtraction, with or without a - sign ie (-)147 or (-)179 or (-)220 or (-)260 or (-)294 or (-)260 |  |  | M1 |


| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| 5(c) | Plots the remaining four points | B1 | $\pm 1 / 2$ small square tolerance |
|  | Joins their plots with dotted lines | B1ft |  |
|  | Additional Guidance |  |  |
|  | $\pm \frac{1}{2}$ square tolerance on plots and |  |  |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 5(d) | Two valid comments | B2 | B1 for one valid comment (but no contradictory comment) |  |
|  | Additional Guidance |  |  |  |
|  | Ignore irrelevant comments but please check any numerical values quoted, as they need to be correct |  |  |  |
|  | Do not accept comments which refer to 'physical' |  |  |  |
|  | Accept both comments in one sentence |  |  |  |
|  | Value of streaming increased year upon year and Value of downloads decreased year upon year |  |  | B2 |
|  | Streaming keeps going up but downloads keep going down |  |  | B2 |
|  | Streaming is getting more popular and downloads are getting less popular |  |  | B2 |
|  | Streaming made more sales over the years |  |  | B1 |
|  | Streaming has positive trend / is increasing because it's positive (correlation) |  |  | B1 |
|  | It's positive (correlation) |  |  | B0 |


| $\mathbf{Q}$ | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{6} \mathbf{6 ( a )}$ | 3 correct plots with no incorrect plots | B1 | $\pm 1 / 2$ small square tolerance |
|  | Additional Guidance |  |  |
|  | Ignore additional points plotted outside [26, 28] |  |  |


| Q | Answer | Marks |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 6(b) | $\frac{50+54+\ldots+66}{9}$ or $\frac{522}{9}$ | M1 | oe allow |  |
|  | 58 | A1 |  |  |
|  | Additional Guidance |  |  |  |
|  | Condone poor notation if recovered$\begin{aligned} & \text { eg } 50+54+52+57+57+56+65+65+66 \div 9=58 \\ & \text { eg } 50+54+52+57+57+56+65+65+66 \div 9=463.33 \end{aligned}$ |  |  | $\begin{aligned} & \text { M1A1 } \\ & \text { M0A0 } \end{aligned}$ |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :--- |
| $\mathbf{6 4 ( c )}$ | Double mean plotted at (23, their 58) | M1 | $\pm 1 / 2$ small square tolerance <br> may be implied by lobf going through <br> this point |
|  | Acceptable line of best fit through <br> correct or their plotted double mean, <br> positive gradient for $x$ values from <br> 18.5 to 27.5 | A1ft | ft their double mean point and their <br> plotted points |
|  | Additional Guidance |  |  |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :--- |
| $\mathbf{6 ( d )}$ | Correct value for mass $=25$ on their <br> line of best fit | B1ft | must be from a positive line of best fit <br> $\pm 1 / 2$ small square tolerance |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 6(e) | No and suitable comment linking this dog's mass/weight to the data | B2ft | B1ft correct reading from their lobf or <br> No |  |
|  | Additional Guidance |  |  |  |
|  | Do not accept comments that refer to | $n$ height | eight |  |
|  | No, smallest height on table is 50 cm weighs less | hat's for | 8.5 kg / that dog | B2 |
|  | No, it should be near/over 50 cm |  |  | B2 |
|  | No, other dogs around that mass are | r) around | 0 cm | B2 |
|  | No, measurements are too far out from | data |  | B1 |
|  | It doesn't go below 50 ("it" refers to | dog and | is below 50) | B0 |
|  | The breed doesn't go below 50 |  |  | B0 |
|  | Yes, the dog could just be very skinny |  |  | B0 |


| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| 7(a) | Whatsapp | B1 |  |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 7(b)(i) | $\begin{aligned} & 0.8 \times 68(000000) \\ & \text { or } \\ & \frac{55}{68}(\times 100) \end{aligned}$ | M1 | oe please check graph for workings |  |
|  | 54.4 (million) or 54400000 or $80.8(8) \text { or } 80.9$ | A1 | accept 81 |  |
|  | (nearly 55 million) so Simran is correct or (nearly 80\%) so Simran is correct | B1ft | accept 54.4 and "it's nearer to 54 , so incorrect" <br> ft if M1A0 awarded |  |
|  | Additional Guidance |  |  |  |
|  | Ignore reference (correct or incorrect) to the second part of the statement. |  |  |  |
|  | B1 is only available to those who have been awarded M1 |  |  |  |
|  | If a build up method is used, marks cannot be awarded if working is not shown <br> eg $10 \%=5,80 \%=40$ so Simran is wrong <br> eg $55 \div 10=5,10 \%=5,80 \%=40$ so Simran is wrong |  |  | MOAOBO <br> M1A0B1 |
|  | Simran is correct may be implied eg 54.4 is almost 55 |  |  | M1A1B1 |


| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| 7(b)(ii) | There is no evidence that this means daily use (so Simran is wrong) | B1 |  |
|  | Additional Guidance |  |  |
|  | Doesn't say what days/times |  | B1 |
|  | Don't know how often/frequently this w | used | B1 |
|  | No evidence to support this |  | B1 |
|  | No way to tell/prove |  | B1 |
|  | Doesn't say if it's every day / several tim | a day | B1 |
|  | People may be at school/work/holiday | can't be | B0 |
|  | We don't know if they're on it all day |  | B0 |


| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| 8 | 16 outside the two circles but in the <br> box | B1 |  |
|  | $\frac{100-16}{4}$ or 21 or 63 | M1 |  |
|  | 63 in T and 21 in M | A1 |  |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :---: |
| 8(b) | $\frac{\text { their 21 }}{100}$ | B1ft | oe fraction, decimal or percentage |
|  | Additional Guidance |  |  |
|  | $0<$ their $21<100$ |  |  |
|  | lgnore further work after a correct answer seen |  |  |
|  | Do not accept a ratio |  |  |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :--- |
| $\mathbf{y y y y}$ | $3+11+\ldots+34+42$ or 168 | M1 | allow one error or omission |
|  | $\frac{42}{168}$ or $\frac{1}{4}$ | A1 | oe fraction, decimal or percentage |
|  | Additional Guidance |  |  |
|  | Ignore further work after a correct answer seen |  |  |
|  | Do not accept a ratio |  |  |



| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :--- |
| $\mathbf{1 0 ( a )}$ | Conservative | B1 | accept any indication |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :--- |
|  | $100\left({ }^{\circ}\right)$ | B1 | $\pm 2^{\circ}$ <br> may be implied by correct answer |
|  | $\frac{\text { their } 100}{360} \times 54000$ | M1 | oe <br> $0<$ their angle $<360$ |
|  | 15000 | A1ft | ft their $100^{\circ}$ |
|  |  |  |  |


| Additional Guidance |  |  |
| :--- | :--- | :--- |
| 10(b) | For the M1A1ft, the wrong sector may be used |  |
|  | For the A1ft on a different angle, if the full, correct value is seen, <br> ignore any subsequent rounding |  |
|  | $100\left({ }^{\circ}\right)$ seen and eg $\quad \frac{25}{360} \times 54000=3750 \quad\left(100\left({ }^{\circ}\right)\right.$ abandoned) | B0M1A1ft |
| $90\left({ }^{\circ}\right)$ or right angle symbol on chart and $54000 \div 4=13500$ | B0M1A1ft |  |
| $54000 \div 4=13500 \quad$ (there are 4 parties) | B0M0A0 |  |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :--- |
| $\mathbf{1 1 ( a )}$ | Attempts to add, cumulatively | M1 | allow one error |
|  | (8), 31, 71, 90, (100) | A1 |  |
|  | Additional Guidance |  |  |
|  | Accept these values seen anywhere, not necessarily in the table - <br> check graph for implied values if table is blank |  |  |



| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 11(c) | Fully correct diagram <br> - median $=9$ <br> - LQ $=6$ <br> - $U Q=14$ <br> - structure correct with a box and whiskers to 1 and 27 | B4 | $\pm 1 / 2$ small square tolerance <br> B3 3 bullets satisfied <br> B2 2 bullets satisfied <br> B1 1 bullet satisfied |  |
|  | Additional Guidance |  |  |  |
|  | If the median, LQ and UQ values have been identified somewhere other than on the boxplot, they can still score unless contradicted by their boxplot - check cf graph |  |  |  |
|  | If no boxplot is drawn, but on the cf graph they have only the three sets of lines to "read off" at LQ, Med, UQ and the correct value against each correct line, you can award these marks even if they are not identified |  |  |  |
|  | Do not accept a LQ value of 6.75 , this comes from $27 \div 4$ |  |  |  |



| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| 12(b) | No and suitable comment to suggest that extrapolation may lead to inaccuracy | B1 |  |
|  | Additional Guidance |  |  |
|  | "No" could be mentioned in their explanation, rather than being ticked |  |  |
|  | No, not reliable after 13 (mm) (Condone 14) |  | B1 |
|  | No, it doesn't go up to 20 (mm) |  | B1 |
|  | No, it's outside the data collected |  | B1 |
|  | Yes ticked with/without explanation |  | B0 |
|  | No, it only goes to 12.5 (incorrect statement) |  | B0 |


| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :---: |
| 13 | 384 | B 1 |  |



| Q | Answer | Marks |  |  |
| :---: | :---: | :---: | :---: | :---: |
| 14(b) | Orders the data to at least half-way from either end | M1 | oe allow one e 22, 24, 26, 27, <br> or $64,60,47$, | ssion <br> $34, \ldots$ <br> 34, 34 |
|  | 34 | A1 | with no errors s |  |
|  | Additional Guidance |  |  |  |
|  | 34 with no working |  |  | M1A1 |
|  | Data ordering may be seen as a new stem and leaf diagram |  |  |  |
|  | Do not award final mark if $\frac{34+34}{2}(=34)$ seen, as this comes from incorrect placement of the median |  |  |  |


| Q | Answer | Marks | Comments |
| :---: | :---: | :---: | :--- |
| $\mathbf{1 5 ( a )}$ | 2005 | B 1 | oe |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 15(b) | 2299 | B1 | check table |  |
|  | $\frac{\text { their } 2299}{53012456} \times 1000$ | M1 | oe |  |
|  | 0.0433 or 0.0434 or better or $0.0000433(67 \ldots) \times 1000$ | A1ft | 0.043367... <br> ft B0M1 answers to 4dp |  |
|  | Additional Guidance |  |  |  |
|  | 0.043367 with no working |  |  | B1M1A1 |
|  | Correct values used but answer 0.0435 |  |  | B1M1A0 |
|  | $\frac{2372}{53012456} \times 1000,0.0447 \ldots$ |  |  | B0M1A1ft |
|  | $\frac{2372}{53012456} \times 1000,0.045 \ldots$ |  |  | B0M1A0 |


| Q | Answer | Marks | Comments |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 16(a) | Buddy as their median is greatest at 20 and no incorrect median seen | B2 | B1 any <br> Troy Buddy Bruno Murphy Bumble | ect median Medians 15 20 <br> 17 <br> 18 <br> 12 |  |
|  | Bruno as their mean/total is greatest at $20 / 100$ and no incorrect mean/total seen | B2 | B1 any <br> Troy Buddy Bruno Murphy Bumble | ect mean/tota <br> Means <br> 15.6 or 16 <br> 17.8 or 18 <br> 20 <br> 17 <br> 11 | $\begin{aligned} & \frac{\text { Totals }}{} \\ & \hline 78 \\ & 89 \\ & 100 \\ & 85 \\ & 55 \end{aligned}$ |
|  | Murphy as their mode is greatest at 24 and no incorrect mode seen | B2 | B1 any <br> Troy Buddy Bruno Murphy Bumble | ct mode <br> Modes <br> 13 <br> no mode <br> 12 <br> 24 <br> 12 |  |
|  | Additional Guidance |  |  |  |  |
|  | Each average/total needs to be linked to the correct dog eg Mode, Troy = 13 or Median, Murphy $=18$ or Mean, Bruno $=20$ |  |  |  |  |
|  | All five dogs do not need all three averages stating/calculating to score full marks |  |  |  |  |
|  | Total may be shown but not labelled as a total eg $(27+22+14+20+12=) 89$ for Buddy |  |  |  | B1 |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 16(b) | No idea of conditions for experiment or <br> Small sample of experiments or Only one aspect of training tested | B1 | oe |  |
|  | Additional Guidance |  |  |  |
|  | Location can change result |  |  | B1 |
|  | Not much data to work with |  |  | B1 |
|  | Dogs can get distracted |  |  | B1 |
|  | Small sample of dogs |  |  | B0 |
|  | Dogs can change how long they sit for | ehaviour |  | B0 |
|  | Inaccurate |  |  | B0 |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 17(a) | Most/more people are against HS2 (than in favour of it) | B1 | oe hypothesis (not question) |  |
|  | Additional Guidance |  |  |  |
|  | Most people will have negative opinions about HS2 |  |  | B1 |
|  | People are against HS2 |  |  | B1 |
|  | More older people are against HS2 than younger people |  |  | B1 |
|  | HS2 will be disliked (by locals) |  |  | B1 |
|  | The reason people oppose HS2 is because it affects the countryside |  |  | B1 |
|  | Many people are unhappy with HS2's plans |  |  | B1 |
|  | HS2 will affect the countryside |  |  | B0 |
|  | HS2 will affect housing |  |  | B0 |
|  | HS2 doesn't affect the environment |  |  | B0 |
|  | HS2 will affect house prices |  |  | B0 |
|  | I/Tom believe(s) most people are against HS2 |  |  | B0 |
|  | HS2 will ruin the countryside. Most people will use HS2 |  |  | B0 |
|  | The sacrifice of the countryside is worth less than HS2 |  |  | B0 |




| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 17(d) | Alternative method 1 |  |  |  |
|  | Number the stations (0) 1 to 29 | B1 | oe |  |
|  | Obtain five (two-digit) random numbers from the internet or other source to obtain the stations, disregarding repeats | B1 | oe <br> eg obtain five different/unique numbers using random number generator |  |
|  | Alternative method 2 |  |  |  |
|  | Put all 29 station names in a hat | B1 | oe |  |
|  | Draw out five at random without replacement | B1 | oe <br> eg draw out five different/unique names |  |
|  | Additional Guidance |  |  |  |
|  | Accept random name generator if ju eg Type all 29 names into random names without repeats | ng name generat | and obtain five | B2 |
|  | Number the stations |  |  | B0 |
|  | Pick five using random number gen |  |  | B0 |
|  | Put 29 stations/names in a hat |  |  | B1 |
|  | Put all the names in a hat |  |  | B1 |
|  | Put names in a hat |  |  | B0 |


| Q | Answer | Marks | Comments |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 17(e)(i) | Convenience | B1 | accep | Opportunity | or Judgement |
|  | Additional Guidance |  |  |  |  |
|  | Accept poor spellings |  |  |  |  |
|  | Opportunity and systematic on answer line |  |  |  | B0 |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :--- |
| 17(e)(ii) | Will be asking rail travellers <br> or <br> quick/convenient/easy/cheap/efficient | B1 | oe <br> do not accept "convenient" here if <br> "convenience" given in e(i) |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 17(e)(iii) | Will not be asking (m)any non-rail travellers | B1 | oe comment that suggest widening the sample frame |  |
|  | Additional Guidance |  |  |  |
|  | May not be / is not representative |  |  | B1 |
|  | More likely to support HS2 |  |  | B1 |
|  | Only on Saturday afternoon |  |  | B1 |
|  | Need to go on different days / at dif | time |  | B1 |
|  | Might all be from same train/group |  |  | B1 |
|  | Biased as the arrival time could be | able |  | B1 |
|  | Biased |  |  | B0 |
|  | Might all be male/female |  |  | B0 |
|  | Not asked the whole population |  |  | B0 |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 17(e)(iv) | Many people are affected in other places (without stations) | B1 | oe |  |
|  | Additional Guidance |  |  |  |
|  | So it's (more) representative of the | ation |  | B1 |
|  | To get more opinions |  |  | B1 |
|  | To broaden the data |  |  | B1 |
|  | To compare data (of those who hav | ation with | ose that don't) | B1 |
|  | Those that won't have a station will | have a diff | ent opinion | B1 |
|  | (Those) people will/may have differ | inions |  | B1 |
|  | They'd have an unbiased opinion |  |  | B0 |
|  | Need everyone's opinion |  |  | B0 |
|  | To avoid bias |  |  | B0 |


| Q | Answer | Marks | Comments |
| :---: | :--- | :---: | :---: |
| $\mathbf{1 7 ( f ) ( i ) ~}$ | Dual bar chart | B1 | accept multiple bar chart |


| Q | Answer | Marks | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 17(f)(ii) | $[124,129] \text { and }[64,69]$ or $[124,129]-60$ <br> or $[64,69]+60$ | M1 | accept in hours (without units stated) <br> please check the graph for workings |  |
|  | Yes ticked, and correct subtraction of their values in range <br> or <br> Yes ticked and [124, 129] - 60, with correct answer, compared to [64, 69] or <br> Yes ticked and [64, 69] + 60, with correct answer, compared to [124, 129] | A1 |  |  |
|  | Additional Guidance |  |  |  |
|  | 127 and 65 seen. Yes, 62 minutes is about an hour (subtraction implied) |  |  | M1A1 |
|  | 127 and 65 seen. Yes, it is about an hour (answer to subtraction not seen) |  |  | M1A0 |
|  | $127-65=62$ (no decision) |  |  | M1A0 |
|  | It is 59 minutes which is about an hour so Li Na is correct (no evidence) |  |  | MOAO |



