# Functional Skills Level 2 MATHEMATICS 8362/2 <br> Paper 2 Calculator 

Mark scheme
November 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

Functional Skills examinations are marked in such a way as to award positive achievement wherever possible. Thus, for Functional Skills Mathematics 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

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

M dep $\quad$ 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.

## Section A

| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{1}$ | 7 | B1 |  |


| Q | Answer | Mark | Comments |
| :---: | :--- | :---: | :---: |
| $\mathbf{2} \mathbf{2}$ | Nine million, five hundred (and) seven <br> thousand, two hundred (and) eleven | B1 |  |
|  | Additional Guidance |  |  |
|  | Ignore spelling if intention is clear |  |  |
|  | Ignore punctuation and grammar |  |  |


| Q | Answer | Mark | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 3 | 4 : 1 <br> or <br> 1 : $\frac{1}{4}$ <br> or <br> $1: 0.25$ | B2 | B1 any correct ratio not in its simplest form eg 36 : 9 <br> or <br> 12: 3 <br> or <br> $3: \frac{3}{4}$ <br> or <br> any correct simplification of any unsimplified ratio |  |
|  | Additional Guidance |  |  |  |
|  | Accept working in days, eg using 365 or 366 for the days in a year and using 28 to 31 for the days in a month <br> eg1 1095:270 or 1095: 279 <br> eg2 1095:270 and 73:18 |  |  | $\begin{aligned} & \mathrm{B} 1 \\ & \mathrm{~B} 2 \end{aligned}$ |


| Q | Answer | Mark | Comments |  |
| :---: | :---: | :---: | :---: | :---: |
| 4 | All points plotted correctly with no incorrect labels and no extra points plotted | B2 | B1 <br> one or two points plotted and labelled correctly <br> or <br> all three points plotted correctly but labelled incorrectly, with no extra points plotted or <br> two out of three points plotted correctly but not labelled, with no extra points plotted |  |
|  | Additional Guidance |  |  |  |
|  | Award if intention is clear <br> eg points are plotted on the correct coordinate on the grid with just the labels $\mathrm{X}, \mathrm{Y}$ and Z , without a cross or dot |  |  |  |


| $\mathbf{Q}$ | Answer | Mark | Comments |  |
| :---: | :--- | :---: | :--- | :--- |
| $\mathbf{5 y y} \mathbf{5}$ | (triangular) prism | B1 | condone triangle prism |  |
|  | Additional Guidance |  |  |  |
|  | Ignore spelling if intention is clear |  |  |  |


| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| $\mathbf{6}$ | $3 \frac{19}{20}$ or $\frac{79}{20}$ or 3.95 | B1 | oe eg $3 \frac{38}{40}$ |


| Q | Answer | Mark | Comments |
| :---: | :--- | :---: | :--- |
| 7 | 20 $\div 4$ <br> or <br> $8 \div 2$ or 4 <br> or <br> $20 \times 2$ or 40 <br> or <br> $20 \div 8$ or 2.5 | M1 | oe eg $20 \div \frac{1}{2}$ <br> implied by $40 \div 8$ |
|  | 5 | A1 |  |



## Section B

| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 9(a) | Alternative method 1 - converting $\mathbf{k m}$ to miles |  |  |
|  | Any correct km to mile conversion using the graph or 1.6 or 0.625 or $\frac{8}{5}$ or $\frac{5}{8}$ oe seen | M1 | $\text { eg } 38 \mathrm{~km}=23.75 \text { miles }$ <br> or <br> $48 \mathrm{~km}=30$ miles <br> or <br> $5 \mathrm{~km}=3$ miles <br> or <br> $1.6 \mathrm{~km}=1$ mile |
|  | Uses their conversion to work out 380 km in miles <br> or $[228,248]$ | M1 | $\begin{aligned} & \text { eg } 30 \mathrm{~km}=19 \text { miles } \\ & 300 \mathrm{~km}=190 \text { miles } \\ & 40 \mathrm{~km}=25 \text { miles } \\ & 380 \mathrm{~km}=190+25+25=240 \text { miles } \\ & \text { or } \\ & 380 \div 5 \times 3 \\ & \text { or } \\ & 380 \div 1.6 \text { or } 237.5 \end{aligned}$ |
|  | their conversion for 380 km in miles :5.5 <br> or $40 \times 5.5 \text { or } 220$ | M1dep | dep on previous M1 |
|  | [41, 45.1] and Yes <br> or <br> 220 and $[228,248]$ and $Y e s$ | A1 | with at least M1 seen |

Mark scheme continues on the next page

| $9(a)$cont. | Alternative method 2 - converting miles to km |  |  |
| :---: | :---: | :---: | :---: |
|  | Any correct mile to km conversion using the graph or <br> 1.6 or 0.625 or $\frac{8}{5}$ or $\frac{5}{8}$ oe seen | M1 | $\text { eg } 10 \text { miles }=16 \mathrm{~km}$ <br> or <br> 30 miles $=48 \mathrm{~km}$ <br> or <br> 1 mile $=1.6 \mathrm{~km}$ |
|  | Uses their conversion to work out 40 miles in km <br> or $[62,68]$ | M1 | $\begin{aligned} & \text { eg } 10 \text { miles }=16 \mathrm{~km} \\ & 16 \times 4=64 \mathrm{~km} \\ & \text { or } \\ & 30 \text { miles }=48 \mathrm{~km} \\ & 10 \text { miles }=16 \mathrm{~km} \\ & 40 \text { miles }=48+16=64 \mathrm{~km} \end{aligned}$ |
|  | their conversion for 40 miles in $\mathrm{km} \times$ 5.5 or [341, 374] <br> or <br> $380 \div$ their conversion for 40 miles in km or [5.58, 6.13] | M1dep | dep on previous M1 |
|  | [341, 374] and Yes <br> or <br> [5.58, 6.13] and 5.5 and Yes or <br> [ 5 hours 34 minutes, 6 hours 8 minutes] and Yes | A1 | with at least M1 seen |

Mark scheme and Additional guidance continue on the next page

| $\begin{gathered} 9(\mathrm{a}) \\ \text { cont. } \end{gathered}$ | Alternative method 3 - work out km/h and convert to mph |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $380 \div 5.5 \text { or } 69(\ldots)$ <br> Any correct km to mile conversion using the graph or <br> 1.6 or 0.625 or $\frac{8}{5}$ or $\frac{5}{8}$ seen | M1 <br> M1 |  |  |
|  |  |  | $\text { eg } 38 \mathrm{~km}=23.75 \text { miles }$ <br> or <br> $5 \mathrm{~km}=3$ miles <br> or <br> $1.6 \mathrm{~km}=1$ mile |  |
|  | Uses their conversion to convert their 69(...) to miles <br> or <br> Uses their conversion to convert 40 miles to km | M1 | $\operatorname{eg} 69(\ldots) \div 5 \times 3$ <br> condone their 69(...) being [71, 72] coming from $380 \div 5.3$ <br> eg $40 \div 3 \times 5$ |  |
|  | [41, 45.1] and Yes <br> or <br> [62, 68] and 69(...) and Yes | A1 | with at least M1 seen |  |
|  | Additional Guidance |  |  |  |
|  | Use the alt that favours the student |  |  |  |
|  | For reading conversions off the graph allow $\pm \frac{1}{2}$ a square |  |  |  |
|  | Allow working in minutes per mile or km or miles or km per minute eg <br> $[228,248] \div 330=[0.69,0.8]$ and $40 \div 60=0.66 \ldots$ and $Y e s$ |  |  | M1M1M1A1 |


| Q | Answer | Mark | Com |  |
| :---: | :---: | :---: | :---: | :---: |
| 9(b) | $\begin{aligned} & 65 \times 5 \text { or } 325 \\ & \text { or } \\ & 0.73 \times 0.14 \text { or } 0.1022 \\ & \text { or } \\ & 0.73 \times 65 \text { or } 47.45 \end{aligned}$ | M1 | implied by 237.25 |  |
|  | $605.17 \div 0.73 \text { or } 829$ <br> or $0.73 \times 65 \times 5 \text { or } 237.25$ | M1 |  |  |
|  | their $829-65 \times 5$ or 504 <br> or <br> 605.17 - their 237.25 or 367.92 | M1dep | dep on previous M1 |  |
|  | 3600 | A1 |  |  |
|  | Additional Guidance |  |  |  |
|  | Up to M2 may be awarded for correct work with no answer, or incorrect answer, even if this is seen amongst multiple attempts |  |  |  |
|  | T\&I with 3600 <br> T\&I without 3600 |  |  | M1M1M1A1 MOMOMOAO |


| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 10(a) | Alternative method 1 |  |  |
|  | $\frac{1}{3} \text { or } 0.33 \ldots \text { or } 33.3 \ldots \%$ | M1 | oe eg 1 out of 3 |
|  | $\frac{2}{5} \text { or } 0.4 \text { or } 40 \%$ | M1 | oe eg 2 out of 5 |
|  | their $\frac{1}{3} \times$ their $\frac{2}{5}$ or $\frac{2}{15}$ | M1 | oe their $\frac{1}{3}<1$ and their $\frac{2}{5}<1$ |
|  | $0.13(\ldots)$ or $13(\ldots) \%$ and Yes or $\frac{20}{150}$ and $\frac{15}{150}$ and Yes | A1 | oe comparable fractions for $10 \%$ and $\frac{2}{15}$ |
|  | Alternative method 2 |  |  |
|  | $3 \times 5$ or lists 15 different outcomes | M1 | implied by a fraction with denominator 15 |
|  | $3 \times 5 \div 10$ or 1.5 | M1dep | oe |
|  | Identifies there are 2 possible winning outcomes | M1 | $\begin{aligned} & \text { eg R2 and R4 } \\ & \text { implied by } \frac{2}{15} \end{aligned}$ |
|  | 2 and 1.5 and Yes | A1 |  |




| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 11(a) | $\frac{4}{3} \times \pi \times 2.8^{3} \text { or }[90,92]$ | M1 |  |
|  | their [90, 92] $\times 200 \div(5 \times 1000)$ <br> or $200 \div(5 \times 1000 \div \text { their }[90,92])$ <br> or $[3.6,3.7]$ <br> or <br> their $[90,92] \times 200 \div 1000$ and $5 \times 4$ <br> or <br> [18, 18.4] and $5 \times 4=20$ <br> or <br> their [90, 92] $\times 200$ and $5 \times 1000 \times 4$ <br> or <br> [18000, 18400] and $5 \times 1000 \times 4=20000$ | M3 | oe <br> their [90, 92] must be from a calculation involving $\pi$ <br> M2 <br> their [90, 92] $\times 200 \div 1000$ or [18, 18.4] <br> or <br> $5 \times 1000 \div$ their $[90,92]$ or $[54,56]$ or their $[90,92] \times 200$ and $5 \times 1000$ <br> M1 <br> $1000 \times 5$ or 5000 <br> or <br> $1000 \div$ their [90, 92] or [10.8, 11.2] <br> or <br> their [90, 92] $\div 1000$ or [0.09, 0.092] <br> or <br> their [90, 92] $\times 200$ or [18000, 18400] |
|  | [3.6, 3.7] and 4 or <br> [54, 56] and 4 <br> or <br> $[18,18.4]$ and $5 \times 4=20$ and 4 or <br> [18000, 18400] and $5 \times 1000 \times 4=20000 \text { and } 4$ | A1 | $200 \div[54,56]$ is implied |


| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 11(b) | Alternative method 1 |  |  |
|  | $76.5(0) \div 0.85$ or 90 | M1 |  |
|  | their $90-76.5(0)$ or their 90 - 14 | M1dep |  |
|  | 13.5(0) (less than 14) <br> or <br> 76 (less than 76.50) | A1 |  |
|  | Alternative method 2 |  |  |
|  | $76.5(0) \div 0.85$ or 90 | M1 |  |
|  | 76.5(0) + 14 or 90.5(0) | M1 |  |
|  | 90 and 90.5(0) | A1 |  |
|  | Alternative method 3 |  |  |
|  | $76.5(0) \div 85 \text { or } 0.9$ <br> or $76.5(0) \div 17 \text { or } 4.5$ | M1 | correctly calculating $1 \%$ or 5\% |
|  | their $0.9 \times 15$ or their $4.5 \times 3$ | M1dep | correctly multiplying up to $15 \%$ |
|  | 13.5(0) (less than 14) | A1 |  |
|  | Alternative method 4 |  |  |
|  | 76.5(0) + 14 or 90.5(0) | M1 |  |
|  | $\begin{aligned} & 0.15 \times \text { their } 90.5(0) \\ & \text { or }[13.57,13.58] \end{aligned}$ | M1dep |  |
|  | 90.5(0) and [13.57, 13.58] | A1 |  |


| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 11(c) | Alternative method 1 |  |  |
|  | $79+161+104+196 \text { or } 540$ <br> or $79+161+104 \text { or } 344$ | M1 | oe |
|  | $\frac{79+161+104}{79+161+104+196} \text { or } 0.6(3 \ldots)$ | M1 | oe eg (540-196) $\div 540$ |
|  | $0.6(3 \ldots)$ or 0.64 (and 0.7) and No | A1 | oe percentage or fraction that can be directly compared to $70 \%$ or $\frac{7}{10}$ oe |
|  | Alternative method 2 |  |  |
|  | $79+161+104+196$ or 540 | M1 |  |
|  | $196 \div$ their 540 or $0.36(\ldots)$ or 0.4 | M1dep |  |
|  | $0.36(\ldots)$ and 0.3 and No or 0.4 and 0.3 and No | A1 | oe percentages or fractions that can be directly compared to each other |
|  | Alternative method 3 |  |  |
|  | $79+161+104+196$ or 540 | M1 |  |
|  | $\frac{3}{10} \times$ their 540 or 162 | M1dep | oe eg $0.3 \times$ their 540 |
|  | 162 (and 196) and No | A1 |  |
|  | Alternative method 4 |  |  |
|  | $79+161+104+196 \text { or } 540$ <br> or $79+161+104 \text { or } 344$ | M1 |  |
|  | $\frac{7}{10} \times(79+161+104+196) \text { or } 378$ | M1dep | oe |
|  | $378 \text { and }(79+161+104=) 344 \text { and }$ No | A1 |  |
|  | Additional Guidance |  |  |
|  | Use the alt that favours the student |  |  |


| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 12(a) | Alternative method 1 |  |  |
|  | $\begin{aligned} & 20 \times 2.5 \text { or } 50 \\ & \text { or } \\ & 9 \times 2.5 \text { or } 22.5 \end{aligned}$ | M1 |  |
|  | $20 \times 2.5 \div 11$ or $4.5(45)$ or 4 and $9 \times 2.5 \div 7.5 \text { or } 3$ | M1 |  |
|  | 12 | A1 |  |
|  | their $12 \times 8$ | M1 | their 12 cannot be a given length of the honeycomb or frame in any unit |
|  | 96 | A1 |  |
|  | Alternative method 2 |  |  |
|  | $\begin{aligned} & 20 \times 2.5 \text { or } 50 \\ & \text { or } \\ & 9 \times 2.5 \text { or } 22.5 \end{aligned}$ | M1 |  |
|  | $20 \times 2.5 \div 7.5 \text { or } 6.66 \ldots \text { or } 6$ and $9 \times 2.5 \div 11 \text { or } 2.045 \ldots \text { or } 2$ | M1 |  |
|  | 12 | A1 |  |
|  | their $12 \times 8$ | M1 | their 12 cannot be a given length of the honeycomb or frame in any unit |
|  | 96 | A1 |  |

Mark scheme and Additional guidance continue on the next page

| 12(a) <br> cont. | Alternative method 3 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & 11 \div 2.5 \text { or } 4.4 \\ & \text { or } \\ & 7.5 \div 2.5 \\ & \hline 20 \div(11 \div 2.5) \text { or } 4.5(45) \\ & \text { and } \\ & 9 \div(7.5 \div 2.5) \end{aligned}$ | M1 |  |  |
|  |  | M1 |  |  |
|  | 12 | A1 |  |  |
|  | their $12 \times 8$ | M1 | their 12 cannot be a given length of the honeycomb or frame in any unit |  |
|  | 96 | A1 |  |  |
|  | Alternative method 4 |  |  |  |
|  | $11 \div 2.5 \text { or } 4.4$ <br> or $7.5 \div 2.5 \text { or } 3$ | M1 |  |  |
|  | $20 \div(7.5 \div 2.5)$ or $6.66 \ldots$ or 6 and $9 \div(11 \div 2.5) \text { or } 2.045 \ldots \text { or } 2$ | M1 |  |  |
|  | 12 | A1 |  |  |
|  | their $12 \times 8$ | M1 | their 12 cannot be a given length of the honeycomb or frame in any unit |  |
|  | 96 | A1 |  |  |
|  | Additional Guidance |  |  |  |
|  | Using overall areas $20 \times 9 \times 2.5 \times 2.5=1125 \mathrm{~cm}^{2} \text { or } 20 \times 9=180 \mathrm{in}^{2}$ <br> and dividing by total area of the honeycomb piece $11 \times 7.5=82.5 \mathrm{~cm}^{2} \text { or }(11 \div 2.5) \times(7.5 \div 2.5)=13.2 \mathrm{in}^{2}$ <br> giving answers of $13.63 \ldots$ or rounded to 13 <br> could continue to score the final method mark eg $13.63 \times 8=109.04$ |  |  | M1M0A0 <br> M1A0 |
|  | The M1 for conversion may be awarded even if not used |  |  |  |


| Q | Answer | Mark | Comments |
| :---: | :--- | :--- | :--- |
|  | Alternative method 1 | Any two angles measured correctly <br> $[43,47]$ or [58, 62] or [118, 122] or <br> $[33,37]$ or [63, 67] | M1 |

Mark scheme continues on the next page

| 12(b)cont. | Alternative method 2 |  |  |
| :---: | :---: | :---: | :---: |
|  | Any two angles measured correctly <br> [43, 47] or $[58,62]$ or $[118,122]$ or $[33,37]$ or $[63,67]$ | M1 | could be on the diagram |
|  | ```(their [43, 47] + their [58, 62] + their \([118,122]) \div 360\) or [0.60(...), 0.64(...)] or (360 - their [43, 47] - their [58, 62] - their [118, 122]) \(\div 360\) or (their [33, 37] + their [33, 37] + their \([63,67]) \div 360\) or [0.35(...), 0.39(...)]``` | M1dep | oe percentages or fractions |
|  | $1 \div 3(\times 2)$ or $0.33 \ldots$ or $0.66 \ldots$ | M1 | oe eg percentages or fractions <br> reference to 'at least' or 'greater than' can be ignored |
|  | 0.66 and $[0.60(\ldots), 0.64(\ldots)]$ and Packet 2 <br> or <br> 0.33 and [0.35(...), 0.39(...)] and Packet 2 | A1 | oe eg percentages or fractions |

Mark scheme and Additional guidance continue on the next page


| Q | Answer | Mark | Comments |
| :---: | :---: | :---: | :---: |
| 12(c) | Alternative method 1 |  |  |
|  | $5,15,25,35$ | M1 | condone one error |
|  | their $5 \times 2+$ their $15 \times 8+$ their $25 \times$ $12+$ their $35 \times 3$ <br> or $10+120+300+105$ <br> or $535$ | M1 | condone their midpoints on or between the class boundaries |
|  | their $535 \div(2+8+12+3)$ or 21.4 | M1dep | dep on previous M1 |
|  | $4 \times$ their 21.4 or 85.6 | M1 | $0<$ their $21.4<40$ |
|  | their $85.6 \div 2 \times 5$ or 214 or their $85.6 \div 2 \times 7$ | M1 |  |
|  | 299.6 or 300 | A1 |  |
|  | Alternative method 2 |  |  |
|  | 5, 15, 25, 35 | M1 | condone one error |
|  | their $5 \times 2+$ their $15 \times 8+$ their $25 \times$ $12+$ their $35 \times 3$ <br> or $10+120+300+105$ <br> or <br> 535 | M1 | condone their midpoints on or between the class boundaries |
|  | their $535 \div(2+8+12+3)$ or 21.4 | M1dep | dep on previous M1 |
|  | $5 \div 2 \times 4 \text { or } 10$ <br> or $2: 5=4: 10$ | M1 |  |
|  | $(4+$ their 10$) \times$ their 21.4 | M1 | $0<$ their $21.4<40$ |
|  | 299.6 or 300 | A1 |  |

Additional guidance continues on the next page

| 12(c) <br> cont. | Up to M2 may be awarded for correct work with no answer, or incorrect <br> answer, even if this is seen amongst multiple attempts, as long as it is <br> not contradicted by an incorrect attempt at calculating the mean |  |
| :--- | :--- | :--- |
|  |  |  |


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