

## education

Department of Education
FREE STATE PROVINCE

## JUNE PAPER 1

## GRADE 12

## MATHEMATICAL LITERACY



This question paper consists of 9 pages.

## INSTRUCTIONS AND INFORMATION

1. $\cap \cap \cap$ This question paper consists of FOUR questions. Answer ALL the questions.
2. $\cap \cap$ Number the answers correctly according to the numbering system used in this question $\cap$ paper.
3. Start EACH question on a NEW page.
4. You may use an approved calculator (non-programmable and non-graphical), unless stated otherwise.
5. Show ALL calculations clearly.
6. Round off ALL final answers appropriately according to the given context, unless stated otherwise.
7. Indicate units of measurement, where applicable.
8. Diagrams are NOT necessarily drawn to scale, unless stated otherwise.
9. Write neatly and legibly.


## QUESTION 1

1.1 Ms Hlahane received the following salary slip for the month of April 2024.

TABLE1: Salary slip showing Ms Hlahane's earnings and deductions:

| OFFICE IMAGING SOLUTIONS |  |  |  |
| :---: | :---: | :---: | :---: |
| PO Box 342 Tabel View |  | Period end date: |  |
|  |  | 2024/04/30 |  |
| Employee code: Hlahane01 |  | Date started: |  |
| Employee Name: Miss HlahaneJob Title: Managing director |  | 2008/01/01 |  |
|  |  | ID number: 7408050045078 |  |
| Earnings (R) |  | Deductions (R) |  |
| Basiol salaty sles.com | 35000,00 | Tax | 5111,00 |
|  |  | UIF | A |
|  |  | Medical Aid | 1350,00 |
|  |  | Pension | 2625,00 |
| Total earnings | 35000,00 | Total deductions | 9436,00 |
| Net pay |  |  | B |

Use the information in Table 1 above to answer the questions that follow.
1.1.1 Write down the name of the employer.
1.1.2 Explain the meaning of the term basic salary.
1.1.3 Write the acronym UIF in full.
1.1.4 Calculate A, the UIF contribution.
1.1.5 Determine the net pay (B) for this employee.

1.2 The diagram below represents the marks achieved in a Mathematical Literacy test for Class B at Kahobotiha Secondary School in Sasolburg.


Use the information given above and answer the following questions.
1.2.1 Identify the type of diagram drawn above.
1.2.2 Write down the median for Class B.
1.2.3 Determine the percentage of learners who obtained 19 to 25 marks.
1.2.4 Calculate the difference between the maximum and minimum marks for Class B.


## QUESTION 2

2.1 Miss De Waal is a resident at Sasolburg and used $20 \mathrm{k} \mathrm{\ell}$ of water in June 2023.

TABLE 2: Domestic Water Tariffs for Metsimaholo Municipality in 2023/2024

| Block | Water usage | Tariff (Rands) <br> VAT excl. |
| :--- | :---: | :---: |
| Block 1 | $0-6 \mathrm{kl}$ | $\mathrm{R} 9,93$ |
| Block 2 | $6,1-12 \mathrm{kl}$ | $\mathrm{R} 23,05$ |
| Block 3 | $12,1-20 \mathrm{kl}$ | $\mathrm{R} 26,61$ |
| Block 4 | $20,1-30 \mathrm{kl}$ | $\mathrm{R} 37,65$ |
| Block 5 | $30,1-45 \mathrm{kl}$ | $\mathrm{R} 46,34$ |
| Block 6 | momore than 45 kl | $\mathrm{R} 52,67$ |

[Source from www.metsimaholo.gov.za]

Use TABLE 2 and the information above and answer the questions that follow.
2.1.1 Explain the meaning of the term tariff in the given context.
2.1.2 Write down the maximum number of kilolitres of water that can be charged in block 2.
2.1.3 Calculate the total amount, including VAT, that Miss De Waal will pay for the number of kilolitres that she used in June 2023.


Miss De Waal wants to remodel her dining room. She saw a nice dining room suite at a Furniture store that she would like to purchase.


| CASH PURCHASE |  | HIRE PURCHASE |  |
| :--- | :--- | :--- | :--- |
| Discounted price | R19 999,95 | Deposit | R2 000 |
| Original price | R23 999,95 | Instalment | R930 per month |
|  |  | Period | 3 years |

Use the information above to answer the questions that follow.
2.2.1 Determine the difference between the original price and the discounted price.
2.2.2 Write down the deposit as a percentage of the discounted price.
2.2.3 Calculate the total amount to be paid after 3 years on the hire purchase option is used.
2.2.4 How much would Miss De Waal save if she paid cash for the dining room suite instead of buying on hire purchase.
2.2.5 Write down one advantage of buying an item on hire purchase
2.3 Miss De Waal decided to take a personal loan in order to buy the dining room suite in cash. She went to two Banks and was offered the following:

Bank A: R20 000 at $10 \%$ p.a. Simple interest for 3 years.
Bank B: R20 000 at 11,5\% p.a. Compound interest for 2 years.
Determine, showing ALL calculations, which option will be cheaper for Miss De Waal.

## QUESTION 3

00
In a survey, 40 grade 12 learners from Setjhaba se Maketse Combined school were asked how many hours per week do they spend practicing Mathematical Literacy.

Their responses (to the nearest hour) are given below.
CLASS A

| 5 | 10 | 12 | 4 | 3 | 12 | 7 | 10 | 8 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 8 | 4 | 10 | 8 | 7 | 6 | 9 | 3 | 7 |

CLASS B

| 2 | 2 | 3 | 3 | 4 | 5 | 6 | 7 | 7 | 7 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 | 8 | 9 | 9 | 10 | 10 | 11 | 11 | 12 | 12 |

[Adapted from Ace it! Study guide gr 12]

Use table 3 and the information above to answer the questions that follow.
3.1 State if the above data is a sample and population of all the learners at Setjhaba se Maketse Combined school.
3.2 Arrange the data for class A above in descending order.
3.3 Calculate the mean number of hours spent practising Mathematical Literacy for class B.
3.4 Determine the interquartile Range (IQR) for number of hours for class A.
3.5 Determine the probability (as a decimal) of randomly selecting a learner that practiced for more than 6 hours.
3.6 Give one possible reason why some learners have fewer practising hours.


## QUESTION 4

4.1

Mr Mathews is a 65-year-old employee who earns a basic salary of R40 165 per month. He contributes $7,5 \%$ of his basic salary towards pension fund and pays medical aid for himself and his 3 children.

TABLE 4.1: Tax rates for 2023/2024 tax year

| Taxable Income (R) | Rate of Tax (R) |
| :--- | :--- |
| $+237-100 \mathrm{~m}$ | $18 \%$ of taxable income |
| $237101-370500$ | $42678+26 \%$ of taxable income above 237100 |
| $370501-512800$ | $77362+31 \%$ of taxable income above 370500 |
| $512801-673000$ | $121475+36 \%$ of taxable income above 512800 |
| $673001-857900$ | $179147+39 \%$ of taxable income above 673000 |
| $857901-1817000$ | $251258+41 \%$ of taxable income above 875900 |
| 1817001 and above | $644489+45 \%$ of taxable income above 1817000 |


| Age | Threshold 2023/2024 |
| :--- | :--- |
| Below age 65 years | R95 750 |
| Age 65 years to below 75 years | R148 217 |
| Age 75 years and over | R165 689 |


| Rebate | Rebate Amount (R) |
| :--- | :--- |
| Primary | R17 235 |
| Secondary (65 years + ) | R9 444 |
| Tertiary (75 years + ) | R3 145 |


| MTC (Medical tax credit) | Per month |
| :--- | :--- |
| Taxpayer | R364 |
| First dependant | R364 |
| Each additional dependant | R246 |

[Source: www.sars.gov.za]

Use TABLE 4.1 and the information above to answer the questions that follow.
4.1.1 Write down the abbreviation SARS in full.
4.1.2 Show how the tax threshold value of R148 217 was calculated.
4.1.3 Determine his annual medical tax credit for him and his 3 children.
4.1.4 Mr Mathews claimed that is annual taxable income is R445 831,50. Verify, show all calculations, if his claim is correct.
4.1.5 Hence, calculate his annual income tax.

Mining plays a significant role in the economy of our nation. The information below indicates how the mining industry performed in 2022.

TABLE 4.2: Performance of the mining industry in 2022

| Metal and <br> minerals | Number of <br> employees | Employees <br> earnings <br> (in billion <br> rands) | Royalties <br> paid | Production <br> (in tons) | Total sales <br> (in billion <br> rands) |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Manganese | 10846 | 3,5 | R802 <br> million | 16,4 <br> million | 47,6 |
| Chrome | 19693 | 6,1 | R850 <br> million | 17,5 <br> million | 22,8 |
| Diamond | 15728 | 4,7 | R362 <br> million | 7,2 million | 13,3 |
| Iron ore | 19092 | 6,6 | R2,1 billion | 70,5 <br> million | 71,4 |
| Gold | 95130 | 24,3 | R288 <br> million | 101,3 <br> million | 72,6 |
| Platinum | 164513 | 52,1 | R1,12 <br> billion | 262,9 <br> million | 126,6 |
| Coal | 92230 | 27,9 | R2,1 billion | 258,9 <br> million | 139,3 |
| Total | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ | $\ldots$ |

[Adapted from mineralscouncil.com]

## NOTE:

Royalties are fees imposed by government on either the amount of minerals produced at a mine or the revenue or profit generated by the minerals sold from a mine.

A Ton is equal to 1000 kg .

Use TABLE 4.2 above to answer the questions that follow.
4.2.1 Are the number of employees above regarded as discrete or continuous data?
4.2.2 Identify the type of 'metals and minerals' that are paid the LEAST royalties.
4.2.3 Determine the median value for the total production.
4.2.4 Calculate the probability (as a percentage) of randomly selecting a type of 'metals and minerals' that had total sales of more than 100 billion rands in 2022.
4.2.5 Write down the modal value for 'royalties' paid.


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These marking guidelines consist of 9 pages.
Hierdie nasienriglyne bestaan uit 9 bl

## NOTE:

- If a candidate answers a question TWICE, only mark the FIRST attempt.
- If a candidate has crossed out (cancelled) an attempt to a question and NOT redone the solution, mark the crossed out (cancelled) version.
- Consistent accuracy (CA) applies in ALL aspects of the marking guidelines; however it stops at the second calculation error.
- Note: consistent accuracy (CA) does not apply in cases of a breakdown.
- If the candidate presents any extra solution when reading from a graph, table, layout plan and map, then penalise for every extra item presented.
- As a general marking principle, if a candidate has incurred one mistake and there is evidence of sound mathematics thereafter, then that candidate should lose one mark only


## LET WEL.

- As 'n kandidaat ' $n$ vraag TWEE KEER beantwoord, merk slegs die EERSTE poging.
- As 'n kandidaat 'n antwoord van 'n vraag doodtrek (kanselleer) en nie oordoen nie, merk die doodgetrekte (gekanselleerde) poging.
- Volgehoue akkuraatheid (CA) word in ALLE aspekte van die nasienriglyne toegepas, dit hou op by die tweede berekeningsfout.
- Let wel: volgehoue akkuraatheid (CA) geld nie in die geval van 'n afbreuk nie.
- Wanneer 'n kandidaat aflesings vanaf'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.
- ' $n$ Algemene merkbeginsel is dat indien ' $n$ kandidaat een fout maak en daarna voortgaan met korrekte wiskunde, dat die kandidaat slegs een punt verloor.

| QUESTION/VRAAG 1 [20 MARKS/PUNTE] A |  | ANSWER ONLY FULL MARKS |  |
| :---: | :---: | :---: | :---: |
| Q/V | Solution/Oplossing | Explanation/Verduideliking | T/L |
| 1.1.1 | Office Imaging Solutions $\checkmark \checkmark$ A | 2A correct name (2) | $\begin{array}{\|l\|} \hline \text { F } \\ \text { L1 } \\ \text { E } \\ \hline \end{array}$ |
| 1.1.2 | Salary before benefits or allowance are added. <br> Salaris voor voordele bygevoeg word. <br> Do not accept: Salary before deductions, because it's a definition of Gross not Basic Salary. | 2 O correct explanation (2) | $\begin{aligned} & \hline \text { F } \\ & \text { L1 } \\ & \text { E } \end{aligned}$ |
| 1.1.3 | Unemployment Insurance Fund $\checkmark \checkmark$ O Wekloosheidsversekeringsfonds | 2 O correct explanation | $\begin{aligned} & \hline \mathrm{F} \\ & \mathrm{~L} 1 \\ & \mathrm{E} \end{aligned}$ |
| 1.1.4 |  | 1RT correct values <br> 1MA subtracting from the total <br> 1A simplification <br> 1RT R35 000 <br> 1MA calculating a percentage <br> 1A simplification | $\begin{aligned} & \text { F } \\ & \text { L1 } \\ & \text { E } \end{aligned}$ |
| 1.1.5 | $\begin{aligned} & \checkmark \mathrm{MCA} \\ & \mathbf{B}=\mathrm{R} 35000-\mathrm{R} 9436 \\ &=\mathrm{R} 25564 \quad \checkmark \mathrm{CA} \end{aligned}$ | 1 MA subtracting values <br> 1CA simplification | $\begin{aligned} & \mathrm{F} \\ & \text { L1 } \\ & \text { E } \end{aligned}$ |


| Q/V | Solution/Oplossing | Explanation/Verduideliking | T/L |
| :---: | :---: | :---: | :---: |
| 1.2.1 | Box and whisker plot $\checkmark \checkmark$ A <br> Snor en blaar diagram <br> Accept <br> Box and Whisker $\quad \checkmark \checkmark \mathrm{A}$ <br> OR <br> Box plot $\quad \checkmark \checkmark$ A <br> OR <br> Whisker Box | 2A correct name | $\begin{aligned} & \hline \mathrm{D} \\ & \mathrm{~L} 1 \\ & \mathrm{E} \end{aligned}$ |
| 1.2.2 | Median $/$ Mediaan $=21,5 \checkmark \checkmark \mathrm{~A}$ | 2A correct median (2) | $\begin{aligned} & \mathrm{D} \\ & \mathrm{~L} 1 \\ & \mathrm{E} \\ & \hline \end{aligned}$ |
| 1.2.3 | $50 \% \checkmark \checkmark \mathrm{~A}$ | 2A correct percentage (2) | $\begin{aligned} & \mathrm{D} \\ & \mathrm{~L} 1 \\ & \mathrm{M} \\ & \hline \end{aligned}$ |
| 1.2.4 | $\begin{aligned} \text { Difference } / \text { Verskil } & =29-15 \checkmark \mathrm{MA} \\ & =14 \end{aligned}$ | 1RT correct values <br> 1MA subtracting correct values 1CA simplification | $\begin{aligned} & \hline \mathrm{D} \\ & \mathrm{~L} 1 \\ & \mathrm{E} \end{aligned}$ |




| Q/V | Solution/Oplossing | Explanation/Verduideliking | T/L |
| :---: | :---: | :---: | :---: |
| 2.2.1 | $\checkmark \mathrm{MMA}$ Difference $=\mathrm{R} 23$ 999,95-R19 999,95 Verskil $=\mathrm{R} 4000^{\vee} \mathrm{A}$ | 1MA subtracting correct values <br> 1A simplification | $\begin{aligned} & \mathrm{F} \\ & \text { L1 } \\ & \mathrm{E} \end{aligned}$ |
| 2.2.2 | $\begin{aligned} \text { Percentage }= & \frac{R 2000}{R 19} 9.99,95 \\ \text { Persentasie } & \checkmark 100 \\ & \checkmark \mathrm{~A} \\ & =10 \% \quad \checkmark \mathrm{CA} \end{aligned}$ | 1A numerator <br> 1A denominator 1CA simplification <br> AO NPR | $\begin{aligned} & \hline \mathrm{F} \\ & \mathrm{~L} 2 \\ & \mathrm{M} \end{aligned}$ |
| 2.2.3 | $\begin{aligned} & \text { Number of months }=3 \times 12 \\ & \text { Aantal maande }=36^{\checkmark} \\ & \begin{array}{c} \text { Total amount }= \\ \text { Totale bedrag } \\ =(\mathrm{R} 930 \times 36)+\mathrm{R} 2000 \end{array} \\ & =\mathrm{R} 35480^{\vee} \mathrm{CA} \end{aligned}$ | 1 A for 36 <br> 1M multiply by instalment (R930) 1 M adding deposit (R2 000) 1CA simplification | $\begin{aligned} & \hline \mathrm{F} \\ & \mathrm{~L} 3 \\ & \mathrm{M} \end{aligned}$ |
| 2.2.4 | $$ | CA from 2.2.3 1 MCA subtracting values 1CA simplification AO | $\begin{aligned} & \mathrm{F} \\ & \mathrm{~L} 2 \\ & \mathrm{E} \end{aligned}$ |
| 2.2.5 | Paying for the item while using it. ${ }^{\checkmark}$ Betaal vir item terwyl jy dit gebruik. <br> OR/OF <br> No need to have cash. ${ }^{\checkmark \checkmark \mathrm{O}}$ <br> Nie nodig om kontant te hê nie. <br> OR/OF <br> Instalments are affordable. ${ }^{\checkmark} \mathrm{O}$ <br> Paaiemente is beskostigbaar. <br> OR/OF <br> Credit is insured. ${ }^{\checkmark} \downarrow \mathrm{O}$ <br> Krediet is verseker. <br> (Any relavant answer) <br> (Enige relevante antwoord) | 2 O correct advantage | $\begin{aligned} & \mathrm{F} \\ & \mathrm{~L} 4 \\ & \mathrm{M} \end{aligned}$ |



| QUESTION/VRAAG 3 [17 MARKS/PUNTE] |  |  |  |
| :---: | :---: | :---: | :---: |
| Q/V | Solution/Oplossing | Explanation/Verduideliking | T/L |
| 3.1 | Sample $\checkmark \checkmark$ A <br> Steekproef | 2A sample | $\begin{array}{\|l\|} \hline \text { D } \\ \text { L1 } \\ \text { E } \end{array}$ |
| 3.2 | $1212101010988877766654433^{\checkmark \checkmark \mathrm{A}}$ | 2 A arrange in descending order | $\begin{aligned} & \hline \text { D } \\ & \text { L1 } \\ & \text { E } \end{aligned}$ |
| 3.3 | Mean/ Gemiddeld $\begin{aligned} & =\frac{2+2+3+3+4+5+6+\cdots 12 .}{20} \checkmark \mathrm{~A} \\ & =\frac{145}{20} \checkmark \mathrm{~A} \\ & =7,25 \quad \mathrm{CA} \end{aligned}$ | 1A adding values 1A concept of mean <br> 1CA mean | $\begin{array}{\|l\|} \hline \mathrm{D} \\ \mathrm{~L} 2 \\ \mathrm{M} \end{array}$ |
| 3.4 | $\begin{aligned} \mathrm{Q} 1 & =\frac{5+6}{2} \checkmark \mathrm{MA} \\ & =5,5 \checkmark \mathrm{CA} \\ \mathrm{Q} 3 & =\frac{9+10}{2} \\ & =9,5 \checkmark \mathrm{CA} \\ \mathrm{IQR} & =\mathrm{Q} 3-\mathrm{Q} 1 \quad \checkmark \mathrm{~A} \\ & =9,5-5,5 \\ & =4 \checkmark \mathrm{CA} \end{aligned}$ | CA from 3.2 <br> 1 MA adding and dividing values <br> 1CA value of Q 1 <br> 1CA correct answer Q3 <br> 1A correct formula <br> 1CA simplification | $\begin{array}{\|l\|} \hline \text { D } \\ \text { L3 } \\ \text { D } \end{array}$ |
| 3.5 | $\begin{aligned} \text { Probability } & =\frac{25}{40} \quad \begin{array}{l} \checkmark \mathrm{A} \\ \checkmark \mathrm{~A} \end{array} \\ & =0,625 \checkmark \mathrm{CA} \end{aligned}$ | 1A numerator <br> 1A denominator <br> 1CA simplification <br> NPR | $\begin{array}{\|l\|} \hline \mathrm{P} \\ \mathrm{~L} 2 \\ \mathrm{E} \\ \hline \end{array}$ |
| 3.6 | Laziness/ House chores/ Loadshedding $\checkmark \checkmark$ O (any other relevant answer) Luiheid/Huistakies/Beurtkrag (enige ander relevante antwoord) | 2 O correct opinion | $\begin{array}{\|l\|} \hline \text { D }  \tag{3}\\ \text { L4 } \\ \text { E } \end{array}$ |


| QUESTION/VRAAG 4 [32 MARKS/PUNTE] |  |  |  |
| :---: | :---: | :---: | :---: |
| Q/V | Solution/Oplossing | Explanation/Verduideliking | T/L |
| 4.1.1 | South African Revenue ServiceS Suid-Afrikaanse Inkomstediens | 2A SARS in full (2) | $\begin{aligned} & \hline \mathrm{F} \\ & \mathrm{~L} 1 \\ & \mathrm{E} \end{aligned}$ |
| 4.1.2 | $\begin{aligned} & \text { Tax threshold }=\text { R17 } 235+\mathrm{R} 9444^{\checkmark \mathrm{M}} \\ & \text { Belastingdrempel }=\mathrm{R} 26679 \checkmark \mathrm{CA} \\ & \begin{array}{l} \frac{R 26679}{0,18} \checkmark \mathrm{M} \\ =\mathrm{R} 148216,666 \\ =\mathrm{R} 148217 \end{array} \end{aligned}$ | 1 M adding correct rebates 1CA total rebates <br> 1M divide with $18 \%$ | $\begin{aligned} & \hline \text { F } \\ & \text { L3 } \\ & \text { D } \end{aligned}$ |
| 4.1.3 | Annual Medical tax credit/Jaarlikse mediese belastinkrediet $\begin{aligned} & \quad \stackrel{\checkmark \mathrm{RT}}{=(\mathrm{R} 364 \times 2 \times 12)+(\mathrm{R} 246 \times 2 \times 12) \checkmark \mathrm{M}} \\ & =\mathrm{R} 8736+\mathrm{R} 5904 \\ & =\mathrm{R} 14640 \checkmark \mathrm{CA} \end{aligned}$ <br> OR/OF <br> Annual Medical tax credit/Jaarlikse meidese belastingkrediet $\begin{aligned} & =(\mathrm{R} 364+\mathrm{R} 246) \checkmark \mathrm{RT} \\ & =\mathrm{R} 610 \times 2^{\checkmark} \times 12^{\checkmark \mathrm{M}} \\ & =\mathrm{R} 14640^{\checkmark} \mathrm{CA} \end{aligned}$ | 1RT correct values (364 and 246) 1 M multiply by 2 <br> 1 M multiply by 12 <br> 1CA simplification <br> 1RT correct values (364 and 246) 1M multiply by 2 1M multiply by 12 <br> 1CA simplification | $\begin{aligned} & \hline \mathrm{F} \\ & \mathrm{~L} 3 \\ & \mathrm{M} \end{aligned}$ |



| Q/V | Solution/Oplossing | Explanation/Verduideliking | T/L |
| :---: | :---: | :---: | :---: |
| 4.1.5 | Annual income tax /Jaarlikse inkomste belasting | CA from 4.1.3 and 4.1.4 <br> 1A correct tax bracket <br> 1SF substitution <br> 1CA simplification <br> 1 M subtract both rebates <br> 1M subtract MTC <br> 1CA income tax | $\begin{aligned} & \hline \mathrm{F} \\ & \text { L3 } \\ & \text { M } \end{aligned}$ |
| 4.2.1 | Discreet data ${ }^{\checkmark} \checkmark$ A <br> Diskrete data | 2A correct type of data (2) | D L1 E |
| 4.2.2 | Gold $\checkmark \checkmark$ A <br> Goud <br> OR <br> 2880000000 OR 288 million | 2A correct type (2) | $\begin{aligned} & \mathrm{D} \\ & \mathrm{~L} 1 \\ & \mathrm{E} \end{aligned}$ |
| 4.2.3 | $\begin{aligned} & \begin{array}{l} \text { Median/Mediaan }=7,2 \quad 16,4 \quad 17,5 \quad 70,5 \\ 262,9 \end{array} \\ & \quad 101,3 \\ & \quad \begin{array}{l} \text { MA } \end{array} \\ & \\ & =70,5 \text { million tons/miljoen ton } \quad \checkmark \mathrm{CA} \end{aligned}$ | 1MA arranging values <br> 1CA median <br> AO <br> NPU | $\begin{aligned} & \hline \mathrm{D} \\ & \mathrm{~L} 2 \\ & \mathrm{M} \end{aligned}$ |
| 4.2.4 | $\begin{array}{rc} \mathrm{P}=\frac{2}{7} \times 100 & \checkmark \mathrm{~A} \\ & \checkmark \mathrm{~A}  \tag{3}\\ = & 28,571 \% \mathrm{CA} \end{array}$ | 1A numerator <br> 1A denominator <br> 1CA simplification <br> AO <br> NPR | $\begin{aligned} & \hline \mathrm{P} \\ & \mathrm{~L} 2 \\ & \mathrm{M} \end{aligned}$ |
| 4.2.5 | R2,1 billion/miljard $\checkmark \checkmark$ A | 2A correct mode (2) | D L1 E |

