



EXAMINATIONS AND ASSESSMENT CHIEF DIRECTORATE

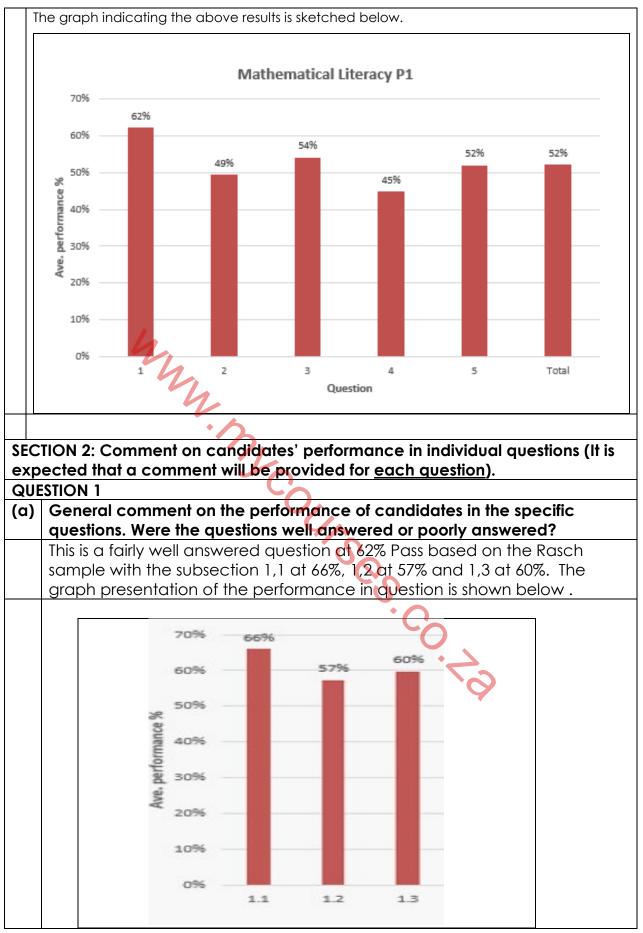
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2022 NSC CHIEF MARKER'S REPORT

SUBJECT	MATHEMAT	CAL LITERACY	1
QUESTION PAPER	1X	2	3
DURATION OF QUESTION PAPER	3 HOURS		
PROVINCE	EASTERN CA	APE	
DATES OF MARKING	8-22/12/202	22	

SECTION 1: (General overview of Candidate Performance in the question paper as a whole)

		<u> </u>						
Generally, the lear	•			•	•		t	
	centres. With the new structure candidates were expected to perform							
well because they	focus	only on	Finance,	, Data Hc	andling a	nd Probabili	ty	
in Paper 1.		C	$\mathbf{\hat{\mathbf{O}}}$					
There are response	There are responses that show that some candidates lack basic							
mathematical liter	mathematical literacy skills that should have been covered in grade 10							
and 11 in 2020 and	d 2021 r	espect	ively.					
The 2022 grade 12	were t	he mos	t affecte	d by the	Covid 19	lock down		
and rotational tea	ching i	n grade	es 10 and					
They missed scorin	g mark	s in the	question	is that are	e meant	to be easy		
since they were pi	tched a	at cogr	nitive leve	el 1. 🖌	\mathbf{O}			
Some of these que	estions i	nclude	the very	first ques	tion 1.1.1	that require	ed	
to identify the pric	es give	n in the	table wl	nether do	ata is nun	erical or		
categorical. In this	questio	on 53%	got 0 mc	arks from t	the Rasc	h sample of	100	
candidates.					•			
In 1.1.2 the questic	on aske	d abou	t the exc	hange ro	ate, canc	lidates got		
confused on what	to extr	act fror	n the tak	ole to cor	rectly an	swer the qu	estion.	
Candidates perfor	-	-	the pape	er as seei	n from the	e Rasch sam	ple of	
100 scripts, at 52% overall pass.								
-	This is a sample of 100 scripts out of about 53 985 scripts and may not be a							
	true reflection of the population. However, it gives a good insight on the							
performance espe						•		
be represent perfo							-	
	P1, then the results for the province in Mathematical Literacy may not be							
good especially in								
The performance of				rious que	estions as	from the sa	me	
sample indicate th	ne follov							
Question	1	2	3	4	5	Overall		
%Pass	62	49	54	45	52	52		



(b)	indicate	Why was the question poorly answered? Also provide specific examples, indicate common errors committed by candidates in this question, and any misconceptions.			
1.1	The findings from the marking process as to the mistakes candidates made are discussed below per sub-question.				
	1.1.1	Though the question was answered fifty-fifty Candidates could not differentiate between categorical and numerical data. Others even wrote both terms which means they could not understand what the question required.			
	1.1.2	Candidates still confuse ascending and descending order. Some candidates arranged in descending order instead of ascending or missed one of the given values or even arranged the wrong column!			
	1.1.3.	Most candidates were able to identify the cheapest store.			
	1.1.4.	Multiplying the price by the number of socks in a pack.			
	1.1.5.	Candidates still struggle with rounding. They rounded incorrectly. Challenge with the question is Rounding to context i.e., Rands and Cents, Second part is that of leaving cents having three digits e.g., R17,198 instead of R17,20. Third part is that of omitting Zero that is not shown by the calculator e.g., R1 251.5 instead of R1 251,50 (this applies also in the next question 1.1.5)			
	1.1.5	They misunderstood the question or did not finish reading it, hence they multiplied the values/prices by the number of items to find the value of P. An emphasis on writing money in 2 decimal places must be made.			
	1.1.6(a)	Could not define probability correctly according to the context so most could not get full marks.			
	1.1.6(b)	Rounding was the problem. Most left the answer in 2 decimal places (Inability to read the instruction accurately)			
1.2		The results from the sampled 100 scripts showed a performance of 49% on the question which means that more than half of the candidates couldn't answer the question correctly.			
	1.2.1.	Poorly answered by most learners as they had to define investment according to given context.			
	1.2.2.	Some candidates multiplied the amount by 12 while others by 2 which indicated that they still can't read off the correct information from a given text.			
	1.2.3	Poorly answered. The candidates could not interest earned over a period of 24-months.			
	1.2.4.	This question was averagely answered by learners even though wasted time doing long calculations for only 2 marks.			
1.3		Many answered the question correctly even though they didn't get full marks.			
	1.3.1	Most could identify that it's a bar graph but the type has various answers, e.g. combined, double, vertical etc.			
	1.3.2	Most learners were able to identify the type of fuel needed			

	1.3.3	It was answered fairly well. The challenge was with some learners				
		who can't convert cents to Rands. Rounding to the nearest				
		R0,50 was the first time rounding asked				
(c)	Provide	suggestions for improvement in relation to Teaching and Learning.				
		Teachers must use CAPS document to guide them so that they				
		teach candidates correctly and cover all parts of the topic.				
		Share exam guidelines with the candidates so that they will know				
		how to define terms used in a topic, write acronyms and all other				
		relevant information.				
		More written work should be given to candidates so that they will				
		identify their mistakes and rectify them.				
		Teachers must make sure they teach concept of rounding in				
		contexts. Teaching candidates Data Handling, should be done				
		thoroughly including the process and not only summary. There is				
		a need to teach Candidates the skills of drawing and				
		interpretation of graphs in various topics and contexts. The				
		emphasis of using scale is fundamental and cannot be over-				
		emphasized.				
		h.				
(d)	Describe	e any other specific observations relating to responses of				
	candidates					
	Educators should train their candidates to analyze the given extracts or					
	tables o	r graphs well to use the correct information required by the				
	questior	n. This will prevent misunderstanding of the questions. Candidates				
	must be	told to skip a line when answering questions on their answer books				
	because	e they mess up their numbering of answers.				
	It was clear that these candidates struggled with the understanding of					
	English as a language of teaching and learning.					
(e)	Any othe	er comments useful to teachers, subject advisors and teacher				
	develop					
	To deve	lop workshop materials to use when training teachers in Data				
	Handling	g.				
	-	nphasis should be on conversion, rounding off and decimal				
		(values). The first term or opening meeting must have educators				
		by the Subject Advisors to present the Chief Marker's report,				
	-	tic report and Examination Guidelines.				
	Diagnostic report and Examination Oblacillos.					

QUE	STION 2	2
(a)		ral comment in the performance of candidates in Question 2. Was uestion well answered or poorly answered?
	The G perfor samp This is	Question was generally poorly answered and from the sample, the rmance indicates 49%. The performance in sub-questions from same le indicate 59% in 2.1 and 38% in 2.2. the longest question based on various sub topics under finance for
		arks. s a question testing Finance which covers 60 ±5% of the paper. lidates must be taught well in Finance to pass Paper 1.
		Mathematical Literacy P1
		60% 59%
		50% 40% 30% 20% 10%
		2.1 2.2 Sub-question
(b)	-	was the question poorly answered? Also provide specific examples, ate common errors committed by candidates in this question, and
		nisconceptions.
2	errors quest Langu secor	te the performance being good in this question at 59%, there are picked up during the marking. They are pointed out per sub- ion. Jage remains a challenge to most candidates whose English is a nd language. This is reflected in Candidate's lack of understanding of ions or scenario especially in 2.2.
2.1	2.1.1	Well-answered by most. Common error was to write down the account number incorrectly (missing 1 digit) e.g., 2388350
	2.1.2	Candidates managed to add the premiums but failed to deduct the discount to get the monthly premium after discount. Many attempted the question but very few obtained full marks
	2.1.3	Could not calculate percentage discount. Many only got 1 out 3 marks
	2.1.4	Many managed to write the correct amount (the excess value) but didn't know what to do about it.
	2.1.5	Candidates determined the 15% VAT but forgot to divide by 115 as the VAT was already included on the amount. Esgree: Ward Rest and Second Parts R2184,21 which was zero marks.

	2.1.6	Incorrect reference made when doing comparison. E.g. VW Polo
		beautiful than a Toyota. Limited knowledge about cars and their
		insurances especially those from disadvantaged areas
	2.1.7	Inability to express what they want to say as the expected answer
		due to language barrier. Mostly answered correctly
2.2		Average was only 38% which indicate that the question was poorly
		answered due to the tariff tables that were given with information
		that confused them.
	2.2.1	Candidates are failing to understand the concept of rounding the
		verbatim struggle to round to the nearest ten.
	2.2.2	Candidates failed to understand the concept of reverse in tariffs,
		by looking for the price before increase.
	2.2.3	Tariff table in m ² and the one with increase from the previous
		confused the candidates. Some could identify the correct tariff
		and kl but didn't know what to do with the increase
	2.2.4	Another question that required explanation. Such question is a
		disadvantage to those who are having a challenge with language.
		They could not be able to express what they really wanted to say.
		In addition, it required to information from the previous question.
		· h
(c)	Provi	de suggestions for improvement in relation to Teaching and Learning
	\succ	Candidate should be prepared by teachers about the new format
		of paper 1, expecting L1 – L4 questions.
	\succ	Learners should be taught terminologies in context.
	\succ	Using different textbooks, find more resources.
	\checkmark	Teachers should be able to allow the consistent teaching from
		grade 10 – 12.
	\checkmark	Using old fashion/ learning with multiplication and division of
		numbers.
	\checkmark	Teachers should teach the candidates to learn the subject of the
		formula also doing inverse calculations and calculating VAT when
		VAT is included and calculating values excluding VAT, when to
		divide by 1,15 or multiply by 1,15.
	\checkmark	Teachers should encourage candidates to use and understand the
		use of different calculators, especially basic calculators with
1	1	
		method.

QUESTION 3

the sample. It was a question examining Data Handling for a total of 24 marks. It had a lot of reading with understanding the table in 3.1 and graph in 3.2. Percentage pass in 3.1 was 61% and 3.2 at 47%. Poor performance in question 3.2 was partly due failure to understand graph because of scale.	(a)	General comment in the performance of candidates in the specific question. Was the question well answered or poorly answered?		
 (b) Why the questions poorly answered? Also provide specific examples, indicate common errors committed by candidates in this question, and any misconceptions. 3 Overall performance for question 3 is 54% pass rate which is also not a good performance for question 3 is 54% pass rate which is also not a good performance for a thread thread		of 24 marks. It had a lot of reading with understanding the table in 3.1 and graph in 3.2. Percentage pass in 3.1 was 61% and 3.2 at 47%. Poor performance in question 3.2 was partly due failure to understand graph because of scale. The graph below shows the performance in 3.1 1 and 3.2 which was		
 indicate common errors committed by candidates in this question, and any misconceptions. Overall performance for question 3 is 54% pass rate which is also not a good performance for Data Handling question. There are a few that obtained zero in the question. The performance in 3.1 was belter at 61% and poor in 3.2 at 47% was the challenging that was best on graph of unemployment rate. Performance mainly caused by the failure of the candidates to understand what is asked. E.g. 3.1.1. show how a value was 		70% 61% 60% 47% 47% 20% 10% 0% 3.1 3.2		
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3.1 3.1.1 Well answered.	3.1	3.1.1 Well answered.		

		Most candidates could correctly read data and show the value from the table while others were adding the value they have to show
	3.1.2	Poorly answered. Variety of reasons were given by candidates but the marking guidelines would not allow them. E.g. The actual workplace values differ from those in the table because other workers were working from home due to COVID restrictions. The correct answer was about rounding or the value are given in ten thousands.
	3.1.3	Most identified the correct value but could not write it in ten thousands.
	3.1.4	Correctly answered by most candidates. It was question that had many possible answers as it required one example of a job that cannot be done by working from home.
	3.1.5	Mean concept understood very well. The issue of rounding seems is still a problem
3.2		The performance in this question is at 47% which is below average
	3.2.1	A fairly answered sub question.
	3.2.2	Well answered except for few who could not understand that the question required to determine the number or unemployed people in the Quarter 3.
	3.2.3	Poorly answered sub question because candidates were struggled to read values from graph in order to determine the increase. The issue of scale.
3.2	3.2.4	Worst poorly answered question in this sub question. Most didn't know where to start which may probable be because of the failure to understand the question. Most calculated 34,4% instead of 65,5%
(-)	Dravi	de averadians for improvement in relation to Tarching and Learning
(c)		de suggestions for improvement in relation to Teaching and Learning Educators must train the candidates to read the given information and preamble thoroughly before answering the questions.
	~	Questions with tables and figures must be practiced more in the classroom to get candidates familiarised with these types of questions.
	>	Educators must use English as a medium of teaching when explaining maths literacy questions, to enable candidates to get used to some key vocabulary in maths literacy and life in general since maths literacy questions are based on everyday life occurring's.
	>	Mathematical literacy Educators must attend memo discussions to present possible different candidates' responses and approaches. These memo discussions develop teachers especially the novice teachers.

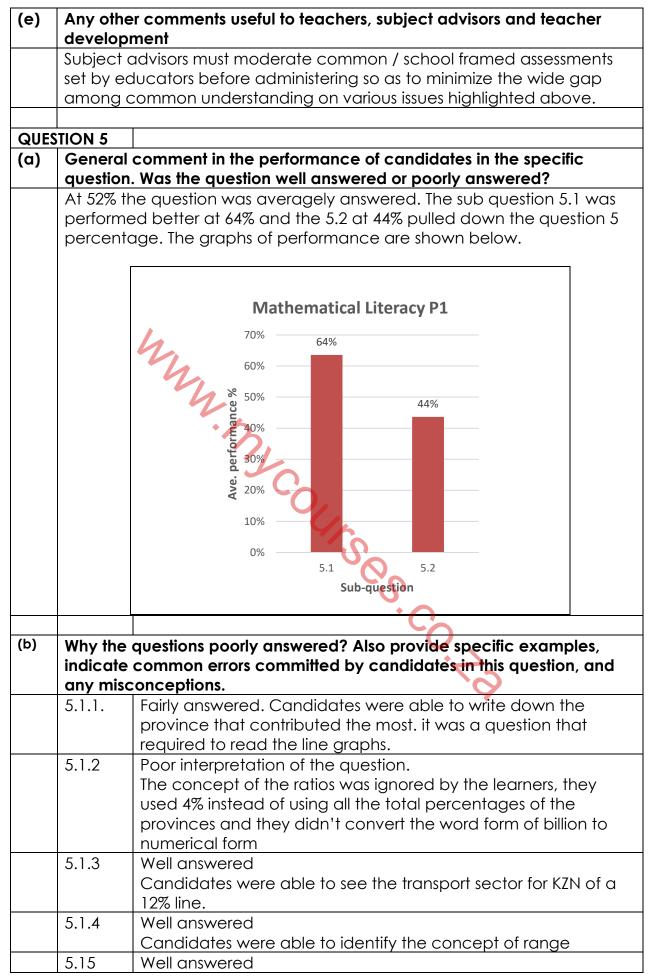
r		
	\succ	Candidates must be exposed to many different scenarios of
		different context both familiar and unfamiliar context.
	\checkmark	Must go out of the box of grade 12 work, emphasize connectivity
		and/or integration of previous grades work versus the current
		grade's work.
	\triangleright	Candidates must be exposed to different type of questions in
		calculations of the mean, using the mean in calculation and as
		well same to be applied to other concept of data handling.
	\checkmark	Educators must adapt on tactful reinforcing the concepts than
		drilling the concepts, so that the candidates could have an open
		mind on answering questions
(d)		ribe any other specific observations relating to responses of
		idates and comments that are useful to teachers, subject advisors,
	teach	ner development etc.
	\succ	Candidates must be made aware not to use the "%" on their
		calculators when they see "100%" but rather treat it as a unit and
		add if to their final answer at the end of their simplification.
	\triangleright	Candidates must be reminded by educators that whole is 100%. If
		you are given that 34,4% was the unemployment rate for Quarter 2
		to determine the rate of employed one has to use 100%-34,4% =
		65,6%.
		So that if 34,4% is represented by 7,6 million unemployed
		Then the employed 65,6% will be 14 493 023
		This is a question that could be solved using ratios as one of the
		methods.
(e)	-	other comments useful to teachers, subject advisors and teacher
	deve	lopment
		Candidates must be taught different scenarios of using
		percentages.
		Candidates continue to struggle to handle arge numbers despite
		questions are on use of large numbers. For example, use of millions,
		billions and trillion in questions. Educators need to emphasize this
		section.
		Working with numbers written in words and to convert them to
		numbers with zeros

QUESTION 4

Section 2: Comment on candidates' performance in individual questions (It is expected that a comment will be provided for each question on a separate sheet). (a) General comment in the performance of candidates in the specific question. Was the question well answered or poorly answered? The performance in question was at 44% in 4.1 and 47% in sub-question 4,2. This translated in 45% pass. This was the worst performed as from the sample. The details of the errors as observed from the marking are explained below according to sub-questions. The graph is a representation of the results of the sample. Mathematical Literacy **P1** 45% 45% Ave. performance % 45% 45% 44% 44% 44% 4.1 Sub-question (a) Why the questions poorly answered? Also provide specific examples, indicate common errors committed by candidates in this question, and any misconceptions. New way of asking taxation was confusing to the candidates even 4.1 though it was the easiest way. It showed that the teaching is not emphasizing the understanding of the concepts. Candidates are familiar with annual tax table, but not the 4.1.1. monthly table. Couldn't follow BODMAS after substitution to simplify the brackets first. Others had wrong substitutions. Couldn't see that the question was a follow up from 4.1.1. so, they 4.1.2. repeat 4.1.1 in 4.1.2 before they continued. Most got confused and didn't know where to start and end. 4.1.3. Different responses were written by candidates but most understood the concept of probability. Answers included 0; or 0% or impossible or $\frac{9}{2}$ 4.2 Question performed at 47% slightly better than 4.1 but still below

average indicates poor performance in the whole question.

	4.2.1	Mostly identified and correctly wrote the number in words while
		others had a language issue.
		Others had difficulty in differentiating between millions, thousands
	4.2.2	and hundreds Ratios not put in correct order and even if correct values, they
	4.2.2	continue working and therefore lose marks. It was not asked to
		simplify the ratio and some went ahead to. This indicated that
		candidates do not read with understanding.
-	4.2.3	Concept of the median understood and answered well. Those got
		it wrong was their failure to not arrange data before finding the
		median.
	4.2.4	Working with data represented in Pie Charts is still a challenge to
		many
	4.2.5	A fairly answered question, a few candidates who knew the
		formula of IQR and substituted correctly.
		Most candidates did not remember the formula or could not
		substitute in the formula for IQR correctly.
		Changing the subject of the formula challenged some leading to
	407	a wrong answer despite correct substitution. Was for very few
	4.2.6	This question was removed as it was unanswerable.
	4.2.7	Candidates struggled to determine the probability as a % from the values given. Percentage calculations still a problem to
		many.
		Thomy.
(c)	Drovid	
1101		de suggestions for improvement in relation to leaching and
		de suggestions for improvement in relation to Teaching and ing
	Learni	
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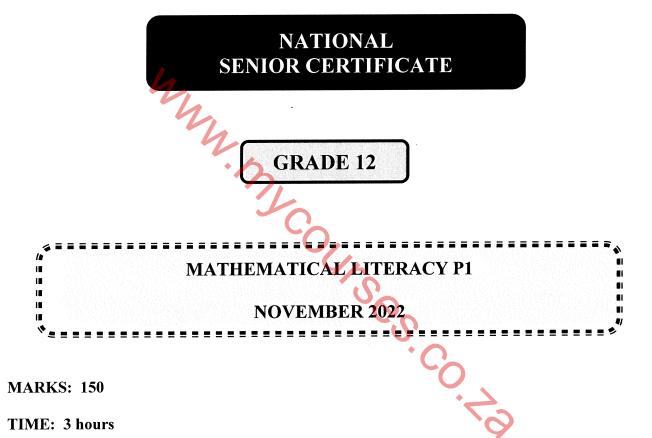
		Candidates were able to identify the province which
		contributed the most
	5.1.6	Poorly answered
		Candidates were unable to interpret the two-way table for
		exchange rates.
5.2		
	5.2.2	Fairly answered
		Candidates were unable to work out fractions and exchange
	500	rate given in the form of a table not in the form of a ratio
	5.2.3	Fairly answered
		Candidates were confused by the exchange rate given in two
	E Q 4	columns in the table and ended up using wrong exchange rate
	5.2.4	Fairly answered Candidates were unable to make a distinction in weak and
		strong currency
	5.2.5	Poorly answered question.
	5.2.5	They used wrong principal amount.
		Conversion of years to months and vice versa is a challenge.
		Identification of the principal amount and the conversion of 8
		months to years.
		Difference between simple interest and compound interest is a
		challenge
(c)		suggestions for improvement in relation to Teaching and
(c)	Learning	
(c)	Learning	• Exposure to fractions and its simplifications.
(c)	Learning	Exposure to fractions and its simplifications. Multiple graphs interpretations.
(c)	Learning	Exposure to fractions and its simplifications. Multiple graphs interpretations. Exchange rate exposure in a ratio and two-way table
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	Learning	Exposure to fractions and its simplifications.Multiple graphs interpretations.Exchange rate exposure in a ratio and two-way table Conversiondoing more questions and emphasis on conversions and correct substitution. Candidates to be trained in all types of conversions both ways as well as the exchange rate calculations.Need to emphasize the importance of usage of units at all levels in every calculationany other specific observations relating to responses of tes and comments that are useful to teachers, subject advisors, development etc.Failing to do conversion
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basic education

Department: **Basic Education REPUBLIC OF SOUTH AFRICA**



TIME: 3 hours

This question paper consists of 13 pages and an addendum with 2 annexures.



INSTRUCTIONS AND INFORMATION

- This question paper consists of FIVE questions. Answer ALL the questions. 1.
- 2. Use the ANNEXURES in the ADDENDUM to answer the following questions:

ANNEXURE A for QUESTION 2.1 ANNEXURE B for QUESTION 4.2

- Number the answers correctly according to the numbering system used in this 3. question paper.
- Start EACH question on a NEW page. 4.
- You may use an approved calculator (non-programmable and non-graphical), unless 5. stated otherwise.
- Show ALL calculations clearly. 6.
- Round off ALL final answers appropriately according to the given context, unless 7. stated otherwise.
- Indicate units of measurement, where applicable. 8.
- Diagrams are NOT necessarily drawn to scale, unless stated otherwise. 9. 'es. co. 72
- Write neatly and legibly. 10.



Mathematical Literacy/P1

3 NSC

QUESTION 1

1.1

Martha needs to buy school uniforms for her son and daughter. She compares the prices of three different stores as shown in TABLE 1 below.

ITEMS	STORE A	STORE B	STORE C
White shirt	R110,00 for 2	R44,99 each	R110,00 for 2
Grey skirt	R163,00 for 2	R54,99 each	R130,00
Grey shorts	R186,00	R39,99	R99,95
Grey school socks	R40,50 for 2 packs	R18,99 per pack	R89,99 for 3 packs
White school socks	R85,00 for 5 packs	R11,99 per pack	R85,99 for 5 packs
School shoes (girls)	R349,00	R159,99	R170,00
School shoes (boys)	R318,00	R169,99	R275,00
TOTAL	Р		

NOTE:

There are two pairs of socks in each pack.

Use TABLE 1 above to answer the questions that follow.

1.1.1	Identify whether the prices given in TABLE 1 are numerical or categorical data.	(2)
1.1.2	Arrange, in ascending order, all the prices given for Store B.	(2)
1.1.3	Name the store that sells the cheapest grey shorts.	(2)
1.1.4	Calculate the price for a pack of white school socks at Store C.	(3)
1.1.5	Determine the missing value P, if Martha bought all the school items as advertised at Store A.	(2)
1.1.6	The probability of selecting Store C to buy all the school items is 0,3333333333.	
	(a) Define the term <i>probability</i> in the given context.	(2)
	(b) Write down this probability as a percentage rounded to the nearest whole number.	(2)

One of the many investment options in South Africa is the stokvel option. TABLE 2 below shows two stokvel plans (Plan A and Plan B) over a 24-month period.

STOKVEL					
PLAN A PLAN B					
(MONTHLY FIXED TERM PLAN)	(ONCE-OFF SAVING PLAN)				
Choose how long you want to save for.	Choose how long you want to save for.				
Saving period: 24 months	Saving period: 24 months				
How much do you want to save	How much do you want to save once- off?				
monthly?					
Monthly contributions: R2 500	Once-off amount: R60 000				
Total amount at the end of 24 months:	Total amount at the end of 24 months:				
R74 286,84	R92 065,71				

Use TABLE 2 above to answer the questions that follow.

1.2.1	Define <i>investment</i> in the given context	(2)
1.2.2	Calculate the total contributions for Plan A over the 24-month period.	(2)
1.2.3	Calculate the interest earned if a person invests in Plan B over the 24-month period.	(2)
1.2.4	Determine how much more interest a person will earn investing in Plan B compared to investing in Plan A over the same 24-month period.	(2)

1.2



The graph below shows (in cents/litre) the prices of three types of fuel in Gauteng for the 1.3 first three months of 2022. **GAUTENG FUEL PRICES FOR THE FIRST THREE MONTHS OF 2022** 2 500 2 0 0 0 Cents per litre (c/l) 1 500 1 000 500 0 Jan-22 Feb-22 Mar-22 MONTHS □93 LRP **095 ULP** Diesel NOTE: 93 LRP = Lead Replacement Petrol 95 ULP = Unleaded Petrol [Adapted from www.sapia.org.za]

Use the graph above to answer the questions that follow.

1.3.1	Name the type of graph drawn above.	(2)
1.3.2	Identify the type of fuel that cost the most in February 2022.	(2)

1.3.3 The price of diesel in March 2022 was 1 955,28 c/ℓ .

Write this price in rand per litre. Round off your answer to the nearest R0,50. (3) [30]

(3)

(2)

QUESTION 2

2.1

ANNEXURE A	shows a	a summary	of Bomvana's	Vehicle	and	Household	Insurance
Policy.							

Use ANNEXURE A to answer the questions that follow.

2.1.1	Write down the policy number of Bomvana's insurance policy.	(2)

- 2.1.2 Determine the missing value **A**, the monthly premium for the VW Polo. (4)
- 2.1.3 Bomvana qualifies for a discount on his insurance premiums as he has insured many items.

Calculate the percentage discount that he receives if the total monthly premium before the discount was R2 450,36. (3)

2.1.4 Bomvana was involved in a motor vehicle accident during July 2022. The quotation for damages from the panel beaters was R43 520,00.

Determine the amount the insurance company will pay the panel beaters. (2)

- 2.1.5 Calculate the amount of VAT included in the total monthly premium.
- 2.1.6 The premium for the Toyota Corolla is much lower than that of the VW Polo.

Give ONE possible reason for this big difference in the premium amount. (2)

2.1.7 Bomvana pays a MiHome premium for household content cover to the value of R200 000. After the household contents were evaluated for insurance purposes, he bought an additional lounge suite.

Explain how the purchase of this new item will affect his MiHome content premium.

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2.2

7 NSC

The sanitation tariffs for Johannesburg and Cape Town are presented in TABLE 3.

Johannesburg uses the area of a property to determine the sanitation bill. Cape Town uses a percentage of the total water usage to determine the sanitation bill (the same way as they calculate the water bill.)

TABLE 3 shows the tariffs of Johannesburg (excluding VAT) and Cape Town (including VAT).

TABLE 3: SANITATION TARIFFS FOR JOHANNESBURG ANDCAPE TOWN

JOHANNESBURG: SANITATION TARIFFS – DOMESTIC (VAT excl.)					
\bigcirc	۲	Up to and including 300 m ²	R228,06		
	٢	Larger than 300 m ² to 1 000 m ²	R443,96		
	٠	Larger than 1 000 m^2 to 2 000 m^2	R671,63		
U	6	Larger than 2 000 m ²	R967,71		
	V				

		USAGE	TARIFF	INCREASE FROM PREVIOUS
	٢	0–4,2 kℓ	R16,03 per kl	R0,66 increase per kℓ
		4,2–7,35 kℓ	R22,02 per kl	R0,91 increase per kl
	٢	7,35–24,5 kℓ	R30,92 per kl	R1,28 increase per kl
U	۵	24,5–35 kℓ	R48,65 per kl	R2,01 increase per kl

NOTE: Sanitation refers to waste water that is drained from a household.

Use the information above to answer the questions that follow.

- 2.2.1 Write down, to the nearest ten cents and excluding VAT, the cost for sanitation in Johannesburg if a property is 175 m^2 .
- 2.2.2 Calculate the cost for 4,1 k ℓ sanitation in Cape Town before the increase. (4)
- 2.2.3 Mr Jones lives in Johannesburg and Ms Brown lives in Cape Town. They both own a property with an area of 550 m² and each was billed for 22 k ℓ sanitation.

Use the table above to determine the difference in the cost of sanitation for the two properties.

2.2.4 Explain how the tariff system used in Johannesburg is beneficial to home owners in terms of water usage.

(2) [**34**]

(8)

(2)



(2)

8 NSC

QUESTION 3

3.1

TABLE 4 below shows the number of people per province working in TWO workplaces, namely Usual Workplace (UWP) and Work From Home (WFH) for the last quarter of 2020 and the first quarter of 2021.

TABLE 4: PEOPI	LE PER WORKPLACE BY PH	ROVINCE
	LAST OUARTER 2020	FIRST OUA

PROVINCES	LAST QUARTER 2020 (IN TEN THOUSANDS)			FIRST QUARTER 2021 (IN TEN THOUSANDS)		
INCONCES	UWP	WFH	Total	UWP	WFH	Total
Western Cape	147,7	21,7	169,3	150,8	18,4	169,2
Eastern Cape	72,3	7,2	79,6	84,9	5,6	90,5
Northern Cape	24,2	0,5	24,7	23	0,5	23,5
Free State	56,9	3,2	60,1	53,4	2,9	56,3
KwaZulu-Natal	199,9	9,4	209,3	193,1	9,5	202,6
North West	46,4	2,4	48,8	51,3	3,1	54,4
Gauteng	342,4	36,6	379	365,9	33,1	399,0
Mpumalanga	93,8	5,8	99,6	98	5,7	103,7
Limpopo	91,4	6,3	97,7	95,6	4,7	100,3
TOTAL	1 075 💊		1 168,1	1 116	83,5	1 199,5
[Adapted from <u>www.statssa.gov.za</u>]						

Use TABLE 4 above to answer the questions that follow.

- 3.1.1 Show how the total value of 83,5 for South Africa was calculated.
- 3.1.2 Give ONE reason why the values in the table will differ from the actual workplace values. (2)
- 3.1.3 Write down the number of people who worked at their usual workplaces (UWP) in Gauteng during the first quarter of 2021. (2)
- 3.1.4 Give ONE example of a job that cannot be done by working from home. (2)
- 3.1.5 Calculate the mean number of people in the WFH category for South Africa in the last quarter of 2020. (4)



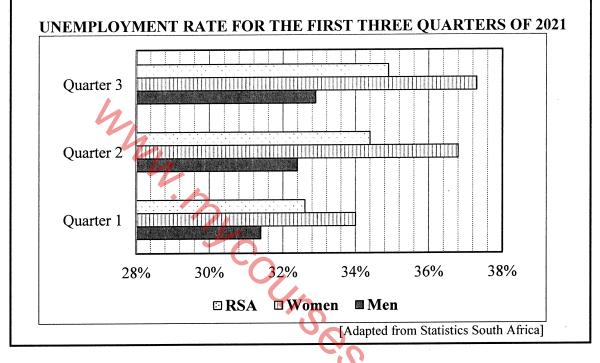
3.2

9 NSC

South Africa's unemployment rate increased from 34,4% in Quarter 2 to 34,9% in Quarter 3 of 2021.

The number of unemployed people in Quarter 2 was 7,6 million, which is 183 000 less than in Quarter 3.

The graph below indicates the unemployment rate for the different genders and the total for South Africa for the first three quarters of 2021.



Use the information above to answer the questions that follow.

3.2.1	Write down the quarter which showed the highest rate of unemployed	
	men.	(2)
3.2.2	Calculate the number of unemployed people in Quarter 3.	(3)
3.2.3	Determine the increase in percentage of unemployed women from Quarter 1 to Quarter 3 in 2021.	(3)
3.2.4	The unemployment rate for Quarter 2 was 34,4%.	
	Determine the number of people employed in South Africa during Ouarter 2.	(4)

[24]



QUESTION 4

4.1

Mr Louw, aged 53, earned an annual taxable income of R495 602 for the year ending 28 February 2022. He does not contribute to any medical aid.

Use the above information to answer the questions that follow.

4.1.1 The following formula can be used to calculate annual tax payable before the rebate:

Annual Tax Payable before the rebate = R115 762 + [36% × (annual taxable income – 488 700)]

Use this formula to calculate Mr Louw's annual tax payable before the rebate.

(3)

4.1.2 Mr Louw feels that the monthly tax table is an easier option for him to calculate his monthly tax payable.

TABLE 5 below shows the monthly deductions for three income categories for the year ending 28 February 2022.

TABLE 5: MONTHLY DEDUCTION TAX TABLE FOR THREEINCOME CATEGORIES FOR THE YEAR ENDING28 FEBRUARY 2022

Monthly Income	Tax payable per age group					
	Under 65	65-74	Over 75			
R41 241–R41 291	R8 473	R7 723	R7 473			
R41 292–R41 342	R8 491	R7 741	R7 491			
R41 343-R41 393	R8 510	R7 760	R7 510			

The monthly rebate for a person younger than 65 years old is R1 368,75.

Verify, showing ALL calculations, whether his monthly tax will be correct according to the monthly deduction table.

(6)

4.1.3 Write down the probability of selecting a monthly tax amount of R8 473 for a person over 75 years from this monthly tax table.

(2)



Use Ani	NEXURE B to answer the questions that follow.
4.2.1	Write down, in words, the total number of vehicles sold in America.
4.2.2	Express as a ratio in the form::, the number of Toyota RAV4 sold in America, Canada and South Africa respectively.
4.2.3	Write down the median number of the best-selling vehicles in South Africa.
4.2.4	Determine the number of Ford F-series vehicles sold in Canada.
4.2.5	The interquartile range for the top 10 vehicles sold in South Africa in 7 669 and the value of Quartile 1 is 11 408.
	Calculate the value of Quartile 3.
4.2.6	The inflation rate in America for 2021 was 7% and in 2020 it was 1,4%. The price of a Ford F-series vehicle in 2022 is \$32 332.
	It is stated that the price of the Ford F-series vehicle in 2019 was more than \$29 800.
	Verify, showing ALL calculations, whether this statement is valid.
4.2.7	Determine, as a percentage, the probability of purchasing a Ram Pickup in America.



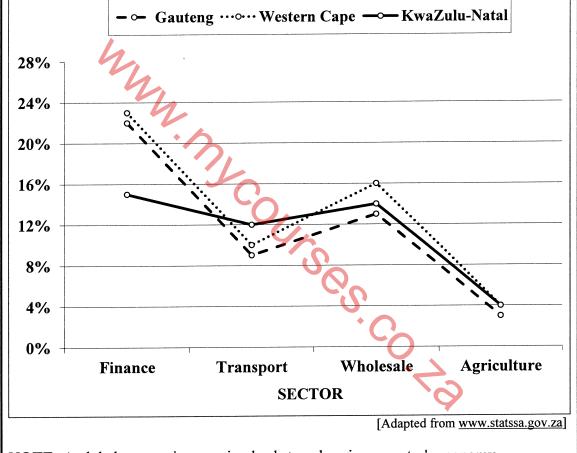
QUESTION 5

5.1 During the 2008–2012 period, South Africa recorded an average growth rate of just over 2%, largely due to the global economic recession.

Gauteng, KwaZulu-Natal and the Western Cape collectively contributed a significant portion to the country's growth.

The graph below shows the contributions of these three provinces towards the different sectors.





NOTE: A global economic recession leads to a drop in a country's economy.

Use the above information to answer the questions that follow.

- 5.1.1 Write down the province that contributed the most to the wholesale sector. (2)
- 5.1.2 The total amount contributed by the three provinces to agriculture was R8,3 billion. Determine which part of this amount Western Cape contributed.
- 5.1.3 Identify the sector in which KwaZulu-Natal made a 12% contribution. (2)
- 5.1.4 Name the sector that has the largest range.
- 5.1.5 Name ONE province that made the most significant contribution towards the growth of most of the sectors.

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(4)

(2)

(2)

Ryan is a South African citizen who owns a company in South Africa and wants to buy shares in a company in Canada.

TABLE 6 shows the exchange rate for five countries on 17 March 2022.

TABLE 6: EXCHANGE RATE FOR FIVE COUNTRIES ON 17 MARCH 2022

UNITS PER ZAR	ZAR PER UNIT
0,060673	16,480
0,050862	19,662
7,9596	0,12565
0,084845	11,785
6,97481	0,143373
	0,060673 0,050862 7,9596 0,084845

[Adapted from www.xe.com/currencyconverter]

NOTE: A share is a unit of ownership of a company.

Use TABLE 6 to answer the questions that follow.

5.2.1	Identify the currency which is the weake	st against the rand. (2)
J.Z.I	fucifility the currency which is the weater	

- 5.2.2 Show how the Russian rouble of 0,143373 ZAR per unit was determined. (2)
- 5.2.3 Ryan decides to invest R1 230 000 in shares in a Canadian company.

Convert R1 230 000 into Canadian dollar (CAD).

- 5.2.4 Give ONE reason why you would motivate Ryan to invest in a Canadian company. (2)
- 5.2.5 After 2 years and 8 months, Ryan sold his shares and received a final amount of R1 529 360.

In South Africa Ryan would have received an interest rate of 8,1%, compounded annually, for 2 years and 8 months.

Ryan stated that he earned more than R14 000 return on his foreign investment compared to a potential South African investment.

Verify, showing ALL calculations, whether Ryan's statement is valid. (8)

[29]

(3)

TOTAL: 150

5.2

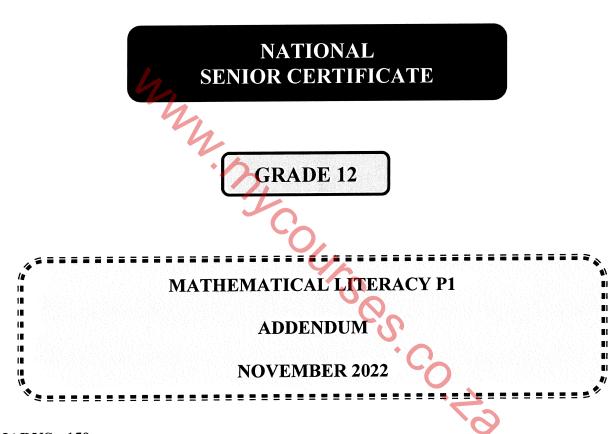


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Department: Basic Education **REPUBLIC OF SOUTH AFRICA**



MARKS: 150

This addendum consists of 3 pages with 2 annexures.



Mathematical Literacy/P1

2 NSC – Addendum DBE/November 2022

ANNEXURE A

QUESTION 2.1

SUMMARY OF CAR AND HOUSEHOLD INSURANCE POLICY

BiWay.co.za Car & Household Insurance **Commencement Date** 1 September 2013 22506623 **Client Number Statement Date** 30 August 2022 23388350 **Policy Number** It's all about Policyholder \checkmark vou! 780801**** ID number Name BOMVANA Work number 021***8*** 2* Patr*** S*r*et; R*s**1,B1**d*w** Physical address we******@gmail.com E-mail address 083***118* Mobile number **Summary of Cover** Premium **Insured Items** R7,16 **MiPersonal** Accident R25 000 KIA PICANTO 1.1 LX -2004 R200,41 MiWheels – Car 1 TOYOTA COROLLA 1.6 -2013 R520,41 -Car 2R133,16 -Car3FORD IKON 1.6i -2005 VW POLO 1.0 TSI -2019 Α -Car4R201,79 BOMVANA'S RESIDENTIAL ADDRESS **MiHome** Content R23,30 **MiMovables** R9,07 RoadCover For having the above noted multiple insured items on cover -R266,15 **Total Discount** R2 184,21 Total Monthly Premium (including 15% VAT) **Excess Value:** The excess is the amount payable by YOU to the service provider whenever you make a claim. The values below show the excess amount that you will have to pay in case of a specific claim event. R7 000,00 Accident and Intentional Damage • R7 000.00 Theft and Hijacking • R1 490,00 Window glass only claim (not glass forming part of roof) R7 000.00 Earthquake, Storm, Hail, Flood and Snow R7 000,00

• Fire and Explosion

[Adapted from miway.co.za]

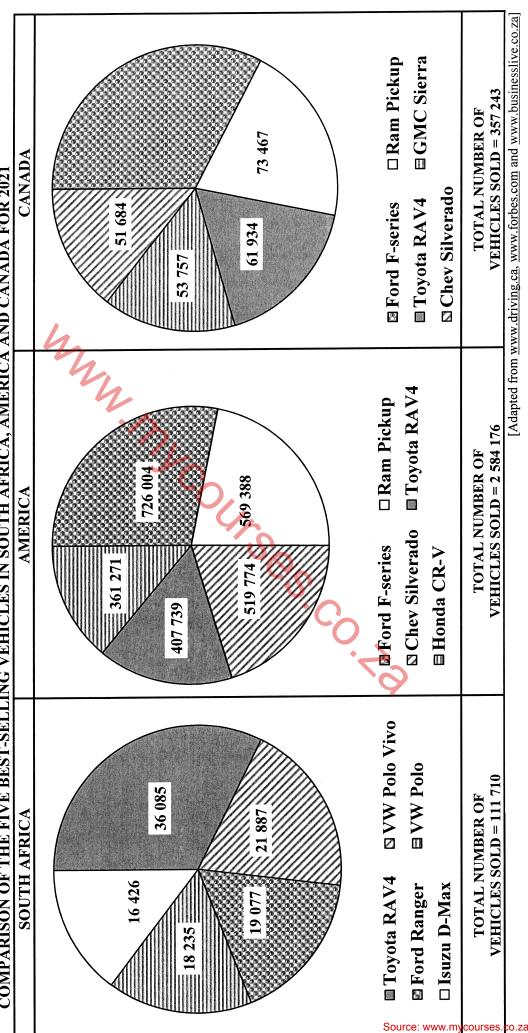


DBE/November 2022

ANNEXURE B

QUESTION 4.2

COMPARISON OF THE FIVE BEST-SELLING VEHICLES IN SOUTH AFRICA, AMERICA AND CANADA FOR 2021



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NATIONAL SENIOR CERTIFICATE/ NASIONALE SENIOR SERTIFIKAAT

GRADE/GRAAD 12

MATHEMATICAL LITERACY P1/ WISKUNDIGE GELETTERDHEID V1

.......................

NOVEMBER 2022

MARKING GUIDELINES/NASIENRIGLYNE

.

MARKS/PUNTE: 150

....

1

1

Symbol/Kode	Explanation/Verduideliking		
Μ	Method/Metode		
MA	Method with accuracy/Metode met akkuraatheid		
MCA	Method with consistent accuracy/Metode met volgehoue akkuraatheid		
СА	Consistent accuracy/Volgehoue akkuraatheid		
Α	Accuracy/Akkuraatheid		
С	Conversion/Herleiding		
S	Simplification/Vereenvoudiging		
RT	Reading from a table/graph/document/diagram/Lees vanaf tabel/grafiek/dokument/diagram		
SF	Correct substitution in a formula/Korrekte vervanging in 'n formule		
0	Opinion/Explanation/Opinie/Verduideliking		
Р	Penalty, e.g. for no units, incorrect rounding off, etc./Penalisasie, bv. vir geen eenhede, verkeerde afronding, ens.		
NPR	No penalty for correct rounding/Geen penalisasie vir korrekte afronding nie		
NPU	No penalty for omitting unit, but wrong unit is penalised/Geen penalisasie indien die eenheid uitgelos is, maar wel indien 'n verkeerde eenheid gebruik word.		
AO	Answer only/Slegs antwoord		

These marking guidelines consist of 20 pages and 2 pages of notes. *Hierdie nasienriglyne bestaan uit 20 bladsye en 2 bladsye met notas.*

A DDD OVED ON	External Moderators (Question Paper)			Internal Moderator (Question Paper)	
APPROVED ON 13 November 2022	R.I. Singh		M.M. Tshabalala	L.R. de Waal	
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Mathematical Literacy/P1/Wiskundige Geletterdheid/V1 2 NSC/NSS – Marking Guidelines/Nasienriglyne

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.
- If the candidate presents any extra solution when reading from a graph, table, layout plan and map, then penalise for every extra item presented.
- Rounding is an independent mark.
- General principle of marking, if the candidate makes one mistake he loses one mark.
- A conclusion mark can only be given if relevant calculations precedes it.

LET WEL:

- As 'n kandidaat 'n vraag TWEE KEER beantwoord, sien slegs die EERSTE poging na.
- As 'n kandidaat 'n antwoord van 'n vraag doodtrek (kanselleer) en nie oordoen nie, sien die doodgetrekte (gekanselleerde) poging na.
- Volgehoue akkuraatheid (CA) word in ALLE aspekte van die nasienriglyne toegepas; dit hou egter op by die tweede berekeningsfout.
- Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.
- Afronding tel as 'n afsonderlike punt.
- Die algemene beginsel van merk as 'n leerder een fout maak verloor hy een punt.
- 'n Gevolgtrekkingspunt kan slegs gegee word indien relevante berekeninge dit voorgaan.

QUESTION/VRAAG 1 [30 MARKS/PUNTE] ANSWER ONLY FULL MARKS

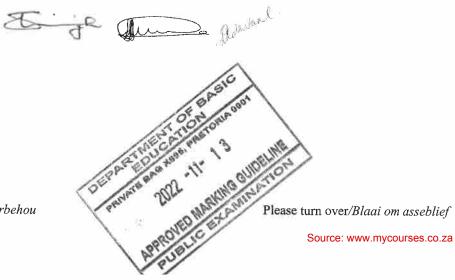
\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
1.1.1	Numerical / Numeriese VVA	2A correct classification (2)	D L1 E
* 1.1.2	✓RT R11,99; R18,99; R39,99; R44,99; R54,99; R159,99 R169,99 ✓A	1RT all correct values 1A ascending order (2)	D L1 E
* 1.1.3	B√√RT	2RT correct store (2)	D L1 E
* 1.1.4	White socks/ <i>Wit kouse</i> = $\frac{\text{R85,99}}{5}$ \checkmark MA = R17,198 \checkmark A = R17,20 \checkmark R	1MA dividing by 5 1A price per pair 1R 2 decimal places (3)	F L1 E
1.1.5	Total cost / Totale koste \checkmark RT P = R110,00 + R163,00 + R186,00 + R40,50 + R85,00 + R349,00 + R318,00 = R1 251,50 \checkmark A	1RT correct values 1A simplification (2)	F L1 E
1.1.6 (a)	✓ A The chance/likelihood of selecting Store C. ✓ A Die kans/waarskynlikheid om Winkel C te kies.	1A chance/likelihood 1A store C (2)	P L1 E
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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking		Т&
1.1.6 (b)	0,33333333333 × 100% ✓MA = 33,33333333%	1MA calculating percentage		P L1 E
	$= 33\% \checkmark A$	1A rounded percentage	(2)	
*	\checkmark A An investment is any form of saving that you put into a financial scheme, bank or stokvel that will result in interest. \checkmark A 'n Belegging is 'n vorm van spaar waar jy geld in 'n finansiële skema, bank of stokvel sit wat sal lei na rente.	1A form of savings 1A interest	(2)	F L1 E
			(2)	F
1.2.2	Total contributions/ <i>Totale bydrae</i> R2 500 × 24 \checkmark MA = R60 000 \checkmark A	1MA multiply by months 1A simplification	(2)	L1 E
* .2.3	Interest earned/Rente verdien \checkmark MA R92 065,71 – R60 000 = R32 065,71 \checkmark A	1MA subtract correct values 1A simplification	(2)	F L1 E
.2.4	More interest/ <i>Meer rente</i> ✓MA R92 065,71 – R74 286,84 = R17 778,87 ✓A	1MA subtracting correct values 1A simplification		F L1 E
.3.1	✓A Compound / Triple / Grouped / Multiple / Clustered bar graph ✓A Saamgestelde/ Drievoudige/ Gegroepeerde / Veelvoudige staafgrafiek	1A type 1A bar graph	(2)	D L1 E
.3.2	95 ULP / Unleaded petrol / ULP / 95 95 ULP / Loodvrye petrol / ULP / 95 ✓✓ A	2A correct product	(2)	D L1 M
.3.3	In rand /In rand			F L1
	$1 955,28 c/\ell \div 100 \checkmark MA = R19,55/\ell \checkmark A = R19,50/\ell \checkmark R$	1MA dividing by 100 1A rand per litre 1R rounding		Μ
1		JASIC J	(3)	

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\mathbf{Q}/V	STION/VRAAG 2 [34 MARKS/PUNTE] Solution/Oplossing	Explanation/Verduideliking	T&I
.1.1	Policy number / Polisnommer = $23388350 \checkmark RT$	2RT correct number (2)	F L1 E
.1.2	Table values excluding A and discount / Tabel waardes uitsluitend A en die afslag		F L3 D
	R7,16 + R200,41 + R520,41 + R133,16 + R201,79 +		
	$R23,30 + R9,07 \checkmark MA = R1 \ 095,30$	1MA adding all premiums	
	Value of A / Waarde van A \checkmark MCA R2 184,21 - R1 095,30 + R266,15 \checkmark MA = R1 355,06 \checkmark CA \checkmark MA R1 095,30 + A + (-R266,15) = R2 184,21 \checkmark MA \checkmark MCA A = R2 184,21 + R266,15 - R1 095,30 = R1 355,06 \checkmark CA OR/OF Table values - A = / Tabel waarde - A = \checkmark MA (R7,16 + R200,41 + R520,41 + R133,16 + R201,79 + R23,30 + R9,07) - R266,15 \checkmark MA = R829,15 A = R2 184,21 - R829,15 \checkmark MCA = R1 355,06 \checkmark CA	1MCA subtracting from total premium 1MA adding the discount 1CA simplification OR/OF 1MA adding all premiums 1MCA subtracting from total premium 1MA adding the discount 1CA simplification OR/OF 1MA adding all premiums 1MA subtracting the discount 1MCA subtracting from total premium 1CA simplification	
.1.3	Percentage discount / Persentasie afslag \checkmark RT $\frac{R266,15}{R2 \ 450,36} \times 100\% \ \checkmark$ MA	(4) 1RT correct amount 1MA correct %-calculation	F L3 M
	= 10,86% VCA	1CA simpli	
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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
2.1.3	OR/OF	OR/OF	
	$ \frac{\sqrt{RT}}{\% \text{ discount}} = \frac{R2450,36 - R2184,21}{R2450,36} \times 100\% \checkmark \text{MA} $	1RT correct amount 1MA correct %-calculation	
	=10,86% ✓CA	1CA simplification	
	OR/OF ✓ _{RT}	OR/OF	
	Percentage discount = $100\% - \left(\frac{\text{R2 184,21}}{\text{R2 450,36}} \times 100\%\right)$	1RT correct amount	
	$= 100\% - 89,14\% \checkmark MA$ = 10,86% $\checkmark CA$	1MA correct %-calculation 1CA simplification NPR (3)	
0.1.4		(5)	F
2.1.4	Claim amount / Eisbedrag \checkmark RT R43 520 – R7 000	1RT identifying R7 000	L1 M
	$ \begin{array}{c} \checkmark RT \\ R43 520 - R7 000 \\ = R36 520 \checkmark A \end{array} $	1A claim amount (2)	
2.1.5	Amount VAT / BTW -bedrag $\checkmark A$	1A correct VAT calculation	F L2 M
	$\frac{15}{115} \times \frac{\text{R2 184,21}}{\text{MA}}$	1MA multiplying by $\frac{15}{115}$	
	= R284,90 ✓A	1A simplification	
	OR/OF	OR/OF	
	Amount before VAT = $\frac{\text{R2 184,21}}{1, 15}$ \checkmark MA	1MA dividing by 1,15	
	$= R1 899,31 \checkmark A$ VAT amount = R2 184,21 - R1 899,31	1A VAT excluded amount	
	= R284,90 ✓A	1A simplification (3)	



\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
2.1.6	The VW Polo costs more than the Toyota Corolla. / Die VW Polo is duurder as die Toyota Corolla. $\checkmark \checkmark \bigcirc$		F L4 M
	OR/OF		
	The Toyota is an older model. / <i>Die Toyota is 'n ouer model</i> .		
	(The VW is a newer model. / <i>Die VW is 'n nuuter model</i>).		
	OR∕ <i>OF</i>		
	The retail value of the VW Polo is higher, therefor replacement value is higher. / Die herverkoopwaarde van die VW Polo is hoër, daarom is die vervangingswaarde duurder.	20 correct explanation	5
	duurder. √√0 OR/OF	18	1001
	The VW is a high risk vehicle. / Die VW is 'n hoë risiko voertuig. $\checkmark \checkmark \bigcirc$ OR/OF	DEPASE OUCATIONA PRIVATE BAG MUS. PRETORIA 2022 - 11-13	WORLN'S
	The primary driver of the VW is a younger driver who is inexperienced as a driver. Die primêre bestuurder van die VW is 'n jonger bestuurder	APPROVED MARYONG C	and the second se
*	wat 'n onervare bestuurder is. $\checkmark \checkmark 0$	(2)	
2.1.7	His premium will increase as his household content value will increase to more than R200 000. / Sy premie sal verhoog aangesien sy huishoudelike inhoudswaarde gevolglik na meer as R200 000 sal verhoog. $\checkmark \checkmark \circ$	20 valid conclusion	F L4 M
2.2.1	Cost of sanitation / Koste van sanitasie	(2) A0	F L2
	= R228,06 \checkmark RT = R228,10 \checkmark R	1RT correct amount 1R correct rounding (2)	М
	Touiff hofore increase / Touisfus an and horized	(~)	F
.2.2	Tariff before increase / Tarief voor verhoging ✓RT	1RT reading from table	L3 M
	R16,03 - R0,66		
	$= R15,37 \checkmark A$	1A simplification	
	Cost of sanitation / Koste vir sanitasie		
	$4,1 k\ell × R15,37 ✓ MCA$ = R63,02 ✓ CA	1MCA multiply by tariff 1CA simplification	

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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
2.2.2	OR/OF	OR/OF	
	Amount after increase / Bedrag na verhoging = R16,03 × 4,1 kl = R65,723 \checkmark A Increase / Verhoging \checkmark RT	1A simplification	
	$ = R0,66 \times 4,1 \ k\ell = R2,706 $	1RT reading from table	
	Amount before increase / Bedrag voor verhoging = $R65,723 - R2,706 \checkmark MCA$ = $R63,02 \checkmark CA$	1MCA multiply by tariff 1CA simplification (4)	
2.2.3	Sanitation Bill – Cape Town: Ms Brown Sanitasierekening – Kaapstad: Me Brown \checkmark MA \checkmark RT 4,2 k ℓ × R16,03 = R 67,33 3,15 k ℓ × R22,02 = R 69,36 14,65 k ℓ × R30,92 = R452,98 = R589,67 \checkmark CA	1MA all <i>(3)</i> correct kℓ 1RT 3 tariffs 1CA finding total water bill	F L3 D
	Sanitation Bill – Johannesburg: Mr Jones Sanitasierekening – Johannesburg: Mnr Jones VAT / BTW: \checkmark RT = R443,96 × $\frac{15}{100}$ = R66,59	1RT correct amount	
	Total amount / Totale bedrag = R443,96 + R66,59 \checkmark MCA = R510,55 \checkmark CA Difference in Sanitation Bill / Verskil in Sanitasierekening R589,67 - R510,55 \checkmark MCA = R79,12 \checkmark CA	1MCA adding values 1CA simplification	
	K79,12 + CA	1MCA subtracting values 1CA simplification (8)	
	T CN OWA DON'	judanl	
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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
*			F
2.2.4	The fixed rate allows you to use as much as you can for the same amount. / <i>Die vaste koers laat jou toe om soveel as wat</i>		L4 M
	<i>jy kan vir dieselfde bedrag te gebruik.</i> $\checkmark \checkmark 0$		141
	OR/OF		
	It benefits home owners with smaller properties who pay		
	less. / Dit bevoordeel eienaars van kleiner huise wat minder gaan betaal. $\checkmark \checkmark \bigcirc$	20 correct explanation	
	OR/OF	1	
	Even if the usage of water varies /differs from month to		
	month, the cost/bill remains the same amount. / Selfs as die		
	water gebruik verskil van maand tot maand bly die koste/		
	rekening dieselfde.	(2)	
	h	[34]	
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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
3.1.1	Total value / Totale waarde \checkmark RT = 18,4 + 5,6 + 0,5 + 2,9 + 9,5 + 3,1 + 33,1 + 5,7 + 4,7 \checkmark MA = 83,5	1RT correct values 1MA adding	D L1 E
	OR/OF	OR/OF	
	Total value / Totale waarde \checkmark RT = 1 199,5 - 1 116 \checkmark MA = 83,5	1RT both correct values 1MA subtracting	
3.1.2	The table value is given in ten thousands. Die tabelwaarde is gegee in tien duisende. $\checkmark \checkmark 0$	(2) 20 difference in table value from actual value	D L4 M
	OR/OF	OR/OF	
	Rounding issues / <i>Probleme met afronding</i> $\checkmark \checkmark O$	20 rounding (2)	
3.1.3	Number of people / <i>aantal mense</i> \checkmark RT = 365,9 × 10 000 = 3 659 000 OR / OF 365,9 ten thousand / <i>tien duisend</i> \checkmark A	1RT reading from table	D L1 E
		(2)	
3.1.4	Medical sector e.g. doctor/ nurse Security sector e.g. police / security guards Essential services e.g. cashier Construction sector e.g. plumbing / electrician / builder Agricultural sector e.g. farming	.73	D L1 E
	Mediese sektor bv. doktor / verpleegster Sekuriteit sektor bv. polisie / sekuriteitswag Essensiële dienste bv. kasier Konstruksie sektor bv. loodgieter / elektrisiën / bouer Landbou sektor bv. boerdery	2A correct job	

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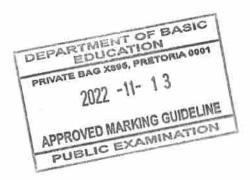
\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
*			D
3.1.5	Mean in ten thousand / <i>Gemiddeld in tien duisend</i> √RT	1DT - 14	L2
	$= \frac{21,7+7,2+0,5+3,2+9,4+2,4+36,6+5,8+6,3}{21,7+7,2+0,5+3,2+9,4+2,4+36,6+5,8+6,3}$	1RT adding correct values	M
	$=\frac{21,7+7,2+0,5+3,2+9,7+2,4+30,0+3,6+0,5}{9\sqrt{MA}}$	1MA concept of mean	
	93,1 VS		
	$= \frac{93,1}{9} \checkmark S$ $= \frac{1168,1-1075}{9}$	1S simplification	
	= 10,34444		
	Mean = 103 444,4 OR / OF 103 444 \checkmark CA	1CA correct mean NPR	
		(4)	
* 3.2.1	Quarter / Kwartaal 3		D
3.2.1	3 rd / 3de		L1 E
	Third / Derde	2RT correct quarter	Ľ
	h	(2)	
			D
3.2.2	Number of unemployed / Aantal werkloos ✓RT	1RT correct values	L2
	7,6 million + 183 000 \checkmark C	TK1 correct values	Μ
	7 600 000 + 183 000	1C correct conversion	
	$ \sqrt{RT} 7,6 \text{ million + 183 000} \sqrt{C} 7 600 000 + 183 000 = 7 783 000 CA OR/OF $	1CA simplification	
		OR/ <i>OF</i>	
	\sqrt{RT}		
	7,6 million + 0,183 million \checkmark C =7,783 million / <i>miljoen</i> \checkmark CA	IRT correct values	
	-7,765 mmon / mujoen V CA	1C correct conversion 1CA simplification	
		(3)	
	Thigh and		

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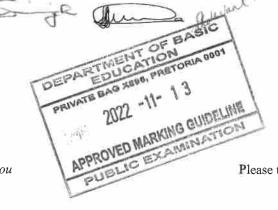
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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
		1RT quarter 1	D
3.2.3	✓RT ✓RT	1RT quarter 3	L2
	Q1 = 34%; $Q3 = 37,4%$	Accept quarter 3:	M
		37,3% - 37,5%	
	Increase % / Toename %		
	= 37,4% - 34%	1CA increase	
	= 3,4% VCA	Accept:	
		3,3%-3,5%	
		(3)	
			D
5.2.4	Total number of people / Totale aantal mense		L2
			M
	$\frac{100}{34,4}$ × 7,6 million		
	34,4 (DT)		
	· √RT	1RT correct percentage	
	= 22 093 023,26		
	$= 22\ 093\ 023\ \checkmark A$	1A simplification	
	✓ MCA	1MCA subtracting values	
	Number of employed people = $22,093,023 - 7,600,000$		
	$= 14493023 \checkmark CA$		
		1CA total number of people	
	OR/OF	0.010.7	
	✓RT	OR/OF	
	Employed = $100\% - 34,4\% = 65,6\% \checkmark A$	1PT compating and a second	
	√MCA	1RT correct percentage 1A simplification	
	Number of employed people = $\frac{65,6}{34.4} \times 7\ 600\ 000$	1MCA ratio calculation	
	34,4	INCA faile calculation	
	= 14 493 023 ✓CA	1CA total number of people	
		NPR	
		(4)	
	Thigh funda (olwant O	

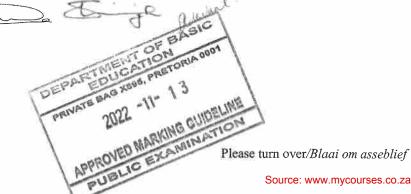


= R115 $Belasti$ $= R115$ $Tax pa$ $Tax pa$ 1.2 $Monthl$ $Maanda$ $= R9 85$ $= R9 85$ $= R9 85$ $= R9 85$ $= R8 4$ $Monthl$ $Maanda$ $= R495$	Payable (before rebates) $15762 + [36\% \times (\text{annual taxable income} - 488700)]$ ting betaalbaar (voor korting) $15762 + [36\% \times (\text{jaarlikse belasbare inkomste})]$	AO	F L2 E
Belasti = R115 Tax pa Tax pa After rec = R9 85 = R8 4 Monthl Maande = R495	ting betaalbaar (voor korting) 15 762 + [36% × (jaarlikse belasbare inkomste		n Hí
$\begin{array}{c} \hline \\ \hline $	488 700)] 36 ✓SF		12
$\begin{array}{c} 1.2 \\ \hline \\ 1.2 \\ \hline 1.2 \\ \hline \\ 1.2 \\ \hline 1.2$	payable = R115 762 + $\left[\frac{36}{100} \times (495\ 602 - 488\ 700)\right]$	1SF substituting value	
$\begin{array}{c} \textbf{Monthl}\\ \textbf{Maanda}\\ = \textbf{R118}\\ = \textbf{R984}\\ \textbf{After re}\\ = \textbf{R984}\\ = \textbf{R84}\\ \textbf{Monthl}\\ \textbf{Maanda}\\ = \textbf{R495} \end{array}$	$= R115 762 + 2 484,72 \checkmark MA$ = R118 246,72 $\checkmark CA$	1MA adding values 1CA simplification NPR (3)	
Maanda= R118= R9 85After re= R9 85= R8 4MonthlyMaanda= R495	nly tax (before rebate) /	CA from Question 4.1.1	F L4
= R9 84 After re $= R9 85$ $= R9 85$ $= R8 4$ Monthly Maandee $= R495$	delikse belasting (voor belastingkorting)		D
= R9 85 $= R8 4$ Monthly Maande = R495	8 246,72 ÷ 12 ✓MA 853,89 ✓A	1MA dividing by 12 1A monthly tax	
Maande = R495	rebate / Na belastingkorting \checkmark MA 353,89 – R1 368,75 485,14 \checkmark MCA ally taxable income (before rebate) /	1MA subtracting rebate 1MCA finding tax after rebate	
	ly taxable income (before rebate) / delikse belasting (voor belastingkorting)	,	
= R41 :	95 602 ÷ 12	Co	
	300,17 ✓A	TA monthly income	
Tax pay	ayable (according to table) / Belasting (volgens tabel)	6	
= R8 49	.91		
He is in	ncorrect / Hy is verkeerd \checkmark O	10 conclusion	
	OR/OF	OR/OF	



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Q/V	Solution/Oplossing	Explanation/Verduideliking	T&I
			F
.1.2	Annual rebate / Jaarlikse korting		L4
	Y		D
	$=$ R1 368,75 × 12 \checkmark MA	1MA multiplying by 12	
	$= R16 425 \checkmark A$	1A correct annual rebate	
	Annual tax (after rebate) /		
	Jaarlikse belasting (na belastingkorting)		
	= R118 246,72 $-$ R16 425		
	$=$ R101 821,72 \checkmark A	1A annual tax	
	Monthly income / Maandelikse inkomste		
	$=$ R495 602 \div 12	1A monthly income	
	$= R41 300,17 \checkmark A$	2	
	M.		
	Annual tax / Jaarlikse belasting		
	$= R8 491 \times 12$		
	$= R101 892 \checkmark MCA$	1MCA annual tax	
	- KI01 892 • MCA		
	He is incorrect / Hy is verkeerd. $\checkmark 0$	10 conclusion	
	The is inconfect / Try is verkeerd. VO		
	= R8 491 × 12 = R101 892 \checkmark MCA He is incorrect / Hy is verkeerd. \checkmark O OR/OF Monthly tax before rebate / Maandelikse belasting voor korting D118 246 72 + 12 (251)	OR/OF	
	Monthly tax before rebate /		
	Maandelikse belasting voor korting		
	$= R118 246,72 \div 12 \checkmark MA$		
	$= R9 853.89 \checkmark A$	1MA dividing by 12	
	Ky 055,09 × 11	1A correct answer	
	Monthly taxable income / Maandelikse belasbare inkomste		
	$= R495\ 602\ \div 12$	5	
	$= R41 300,17 \checkmark A$	1A correct answer	
	K+1 500,17 · 71	·	
	Before rebate / Voor korting	÷	
	Delote restate / / oor korting		
	$= R8 491 + R1 368,75 \checkmark MA$	1MA adding rebate	
	$= R9 859,75 \checkmark MCA$	1MCA finding tax after	
	-1.5037,13 VMCA	rebate	
	Haigingamoot / Usig warkaged / ()	10 conclusion	
	He is incorrect / Hy is verkeerd. \checkmark O	(6)	
	and the second se		



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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	
4 1 0			P
4.1.3	Probability / waarskynlikheid		L2
			M
	0; 0%; impossible / onmoontlik / zero / nul $\checkmark \checkmark A$	2A probability	
		(2)	-
401	True million five hundred and sights from the second		D
4.2.1	Two million five hundred and eighty four thousand one		L1
	hundred and seventy six.		E
	Twee miljoen vyf honderd vier en tagtig duisend een		
	honderd ses en sewentig. $\checkmark \checkmark A$	2A correct words	1
*		(2)	-
	√RT 407.720 × (1.024 × 20.025 × (2.54	1RT correct values	D
4.2.2	407 739 : 61 934 : 36 085 ✓MA	1MA correct order	L2
*		(2)	M
		AO	D
4.2.3	16 426; 18 235; 19 077; 21 887; 36 085 ✓A	1A arranging values	L2
			E
	Median / $mediaan = 19077$ / A	1A correct median	
		(2)	
	COLISS		
	the design of th		
	DEPARTURINATION	° 20- 20-	

Solution/Oplossing	Explanation/Verduideliking	T&L
	AO	D
Number of Ford F-Series / Aantal Ford F-Reeks	1RT correct values from	L2
✓MA ✓RT		E
		-
$= 357\ 243 - 240\ 842$		
$= 116 401 \checkmark CA$	1CA simplification	
	-	
	AO	D
Interquartile range / Interkwartielomvang		L3
✓A		M
IQR = Q3 - Q1	1A correct formula	
√SE	1SF substituting into formula	
	the formula	
	1CA simplification	
19077 VCA	_	
		F
2020 Price of Ford F-Series / 2020 prys van F-reeks		L4
VRT	1RT numerator	D
100		
$332 332 \times \frac{107}{107} \sqrt{RT}$	1RT denominator	
=\$30,216,82,7 Å		
350 210,02 · A	I	
2 Co		
2019 Price of Ford F-Series/ 201/ 5 Ord F-racks		
$30 216,82 \times \frac{100}{1014} \checkmark MA : S^{\circ}$	1MA concept of % decrease	
=\$29 /99,63 VCA	1CA simplification	
5 √0	10 not valid	Summer of the second second
The statement is not va		001
	SA	ETORIA 000
2	<u></u>	ଟି ଜୁନ୍ଦର
ST OF	OR/ <i>OF</i>	tel querre .
2019 Price of F 2019 prys van Ford F-reeks	the O	i i
	1RT numerator	2022
\$32 332 × / × /	1RT denominator	20
<u> </u>	1RT numerator	
/ RT	1RT denominator	2022 - 11-
=\$29 79		a statement
2 /	PPP	
The statement hot valid/ <i>Die bewering is nie geldig nie.</i> $\checkmark 0$	10 not valid	
	I I I I I I I I I I I I I I I I I I I	
	wland.	
	$\sqrt{MA} \qquad \sqrt{RT} = 357 243 - (53 757 + 51 684 + 73 467 + 61 934)$ $= 357 243 - 240 842 = 116 401 \sqrt{CA}$ Interquartile range / Interkwartielomvang \sqrt{A} IQR = Q3 - Q1 $\sqrt{SF} 7 669 = Q3 - 11 408$ \sqrt{MA} Q3 = 7 669 + 11 408 $= 19 077 \sqrt{CA}$ 2020 Price of Ford F-Series / 2020 prys var \sqrt{RT} $= 330 216,82 \sqrt{A}$ 2019 Price of Ford F-Series/ 2017 $= 300 216,82 \sqrt{A}$	Number of Ford F-Series / Aantal Ford F-Reeks \checkmark MA \checkmark RTIRT correct values from graph= 357 243 - (53 757 + 51 684 + 73 467 + 61 934)= 357 243 - 240 842 = 116 401 \checkmark CAIRT correct values from graph= 357 243 - 240 842 = 116 401 \checkmark CAICA simplification(3)Interquartile range / Interkwartielomvang \checkmark A IQR - Q3 - Q1 \checkmark SF 7669 = Q3 - 11 408 \checkmark MA Q3 = 7 669 + 11 408 $= 19 077 \checkmark$ CAAO2020 Price of Ford F-Series / 2020 prise var \checkmark RT =\$30 216,82 \checkmark AIRT numerator iRT denominator iA 2020 price300 216,82 \times 1007 \sim CAINA concept of % decrease

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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
			Р
4.2.7	Probability / Waarskynlikheid		L2
	✓RT		Μ
	569 388 1000/	1RT correct numerator	
	$\frac{363363}{2584176} \times 100\%$	1RT correct denominator	
	✓RT		
	$= 22,03\%$ \checkmark CA	1CA simplification	
	22,0570 V CA	NPR	
		(3)	
		[33]	



Out of 27	Out of 33		Out of 27	Out of 33
1	1		15	18
2	2		16	20
3	• 4		17	21
4	5		18	22
5	6		19	23
6	7	0	20	24
7	9	4	21	26
8	10	Ŭ,	22	27
9	11		23	28
10	12		24	29
11	13		25	31
12	15		26	• 32
13	16		27	33
14	17			



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QUESTION/VRAAG 5 [29 MARKS/PUNTE] \mathbf{Q}/V Solution/Oplossing Explanation/Verduideliking T&L D2 5.1.1 Western Cape / Wes-Kaap ✓✓RT 2RT correct province L2 (2) * ✓RT 1RT all 3 values F 5.1.2 3% + 4% + 4%L3 = 11% √A 1A simplification $=\frac{4}{11} \times R8\ 300\ 000\ 000\ \checkmark MCA$ 1MCA calculating ratio 1CA simplification = R3 018 181 818 / R3,018181818 billion / *miljard* ✓ CA OR/OF OR/OF Total contribution / Totale bydrae ✓RT i.mycourse 1RT correct values $=\frac{100}{11}$ × R8 300 000 000 1A simplification = R75 454 545 454 ✓A WC contribution / WK bydrae 1MCA calculating ratio $=\frac{4}{100} \times R75\ 454\ 545\ 454\ \checkmark MCA$ = R3 018 181 818 ✓CA 1CA simplification NPR (4)D2 5.1.3 Transport / Vervoer ✓✓RT 2RT correct sector L2 (2)D2 5.1.4 Finance / *Finansies* ✓ ✓ RT 2RT correct sector L3 (2)D2 5.1.5 Western Cape / Wes-Kaap ✓✓ RT 2RT correct province L2 (2)F 5.2.1 Japanese yen / Japanese yen ✓√RT L1 2RT correct currency (2)Μ F 5.2.2 1A numerator L1 Russian Rouble = -1A denominator E 6,97481 ✓A = 0,143373(2)Copyright reserved/Kopiereg voorbehou Please turn over/Blaai om asseblief

APPROVE

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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
5.2.3	$= \frac{\sqrt{A}}{R1\ 230\ 000} \times CAD\ 0,084845\ \checkmark MA$	1A correct exchange rate 1MA multiply with exchange	F L3
	$= \frac{1}{R1} \times CAD \ 0,084845 \checkmark MA$	rate	D
	= CAD 104 359,35 ✓A	1A simplification	
	OR/ <i>OF</i> ✓A	OR/ <i>OF</i>	
	$= \frac{R1\ 230\ 000}{R11,785} \times CAD1$	1A correct exchange rate	
	= CAD 104 369,9618	1MA dividing by exchange	
	= CAD 104 369,9618 = CAD 104 369,96 \checkmark A	rate	
		1A simplification	
		NPR (2)	
		(3)	F
5.2.4	Diversify his income <i>Diversifiseer sy inkomste.</i> ✓✓O		L4
	OR/OF		M
	The Canadian currency is stronger / Die Kanadese $\checkmark \checkmark \circ$ O geldeenheid is sterker as die rand.		
	OR/OF	2O reason	
	He will get a better return on his investment / Hy sal 'n beter opbrengs kry op sy belegging.		
	opbrengs kry op sy belegging.	(2)	
	Eije Junge	Janl.	
		-	
		.73	
		50	
		Y	

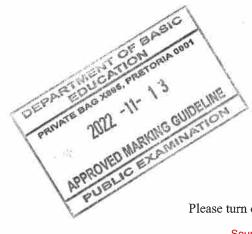


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		Explanation/Verduideliking	T&L
			F
5.2.5	Amount interest / Bedrag rente	ľ	L4
	Voor / iggn 1	-	D
	Year / jaar 1	MA calculating 8,1%	
	R1 230 000 × $\frac{8,1}{100}$ \checkmark MA	with calculating 6,170	
	$=$ R99 630 \checkmark A	1A interest year 1	
	Total after year 1 / <i>Totaal na jaar 1</i> R1 230 000 + R99 630		
	$= R1 329 630 \checkmark A$	1A amount end year 1	
	Year / jaar 2		
	Year / jaar 2 R1 329 630 $\times \frac{8,1}{100}$ = R107 700,03		
	= R107 700,03		
	Total after year 2 / Totaal na jaar 2		
	R1 329 630 + R107 700,03		
	$=$ R1 437 330,03 \checkmark CA	1CA amount waar 2	
		1CA amount year 2	
	8 months / maande		
	8 months / maande R1 437 330,03 $\times \frac{8,1}{100} \times \frac{8}{12}$ \checkmark MA = R77 615,82162 Final amount / Finale bedrag = R1 437 330,03 + R77 615,82162	1MA calculating 8 months	
	$= R77\ 615,82162$		
	Final amount / Finale bedrag		
	$=$ R1 514 945,852 \checkmark CA	• 1CA final amount	
	R1 529 360 – R1 514 945,852	TO I	
	$= R14414,15 \checkmark CA$		
		1CA difference	
	His statement is valid. / Sy bewering is geldig. \checkmark O	10 conclusion	

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\mathbf{Q}/V	Solution/Oplossing	Explanation/Verduideliking	T&L
	OR/OF	OR/OF	
5.2.5	Total year 1 / Totaal jaar 1		
	✓A	1A calculating 1,081	
	R1 230 000 × 1,081 ✓ MCA	1MCA multiplying with	
	$ = R1 329 630 \checkmark A$	1,081	
		1A amount end year 1	
	Total year 2 / Totaal jaar 2		
	R1 329 639 \times 1,081		
	$=$ R14 373 30,03 \checkmark CA	1CA amount end year 2	
	Interest rate for 8 months / <i>Rentekoers vir 8 maande</i>		
	$8,1\% \times 8 \div 12$		
	=5,4% VA	1A calculating 5,4%	
	Total after 2 years 8 months / Totaal na 2 jaar en 8 maande		
	R1 437 330,03 × 1,054		
	= R151 4 945,85 ✓ CA		
		1CA final amount	
	Difference in interest earned Verskil in rente verdien		
	R1 529 360 – R1 514 945,85		
	= R14 414,15 ✓CA	1CA difference	
	The statement is valid / <i>Bewering is geldig</i> .	10 conclusion	
		NPR	
		(8)	
		[29]	
		TOTAL/TOTAAL: 150	
	This fe funda for	. Jack	
	J Juno Ju	C	
		-0	



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NOTES 1.1.2	Correct values arranged in wrong order	1/2 marks
	Skip a value and descending order	0 marks
1.1.3	Option B	Accept
	Second Store	recept
	Answer of R39,99 – identifying the cheapest shorts.	1/2 marks
1.1.4	Grey socks instead of white	2/3 marks
	Used wrong store or grey socks	2,0 11101100
	$R89,99 \div 3 = R30$ (2/3 marks)	
	$R85,00 \div 5 = R17$ (2/3 marks)	
1.1.5	If multiplying e.g. $R110 \times 2$ – only 1 mark (RT mark)	1/2 marks
l.1.6 a	Accept 1 out of the 3 stores (instead of store C)	
	$\frac{1}{3}$ only	0 marks
.1.6 b	33,3% = 1 mark	1/2 marks
1.2.1	Accept Interest = extra amount received	1/2 marks
	NOT profit	
1.2.3	If Plan A instead of Plan B	1/2 marks
	(R74 286,84 – R60 000,00)	
.2.4	If learners worked interest for Plan A and for Plan B and compare – full marks	Full marks
.3.3	If R19,60 OR R20,00 MUST show calculations for rounding.	2/3 marks
	Only R19,60 OR R20,00 – NO marks	0 marks
2.1.2	Accept:	4 marks
	$= R1 \ 899.31 \checkmark A$ Total before VAT = R1 899.31 + R266.15 $\checkmark MA$ = R2 165.46 Value of A = R2 165.46 - R1 095.30 $\checkmark MCA$	
	$=$ R1 070,16 \checkmark CA	
2.1.7	Accept:	Full marks
	The new item will not be covered by insurance.	
2.2.2	Only: $4,1 \text{ k}\ell \times \text{R16,03}$ $= \text{R65,72} \longrightarrow \text{ not continued}$	3/4 marks
.2.4	No matter how much water you are using, you still pay the same amount.	Full marks
.1.5	Accept = $10,34444$ OR $10,3$ as the answer.	1 un marks
.2.1	Accept 3	Full marks
.1.2	Accept:	Full marks
•1.2	495 602 ÷ 12 = 41 300,17	Full Illarks
	$(8491 + 1\ 368,75) \times 12 = 118\ 317$ $118\ 317 - 118\ 246,72 = 70,28$	
	A A A A A A A A A A A A A A A A A A A	
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4.2.2	11,3:1,72:1	Full marks
	OR	
	6,58 : 1 : 0,58	
	OR	
	1:0,15:0,089	
4.2.3	If number and vehicle (Ford Ranger).	Full marks
	If vehicle only (Ford Ranger).	1/2 marks
4.2.5	Only write:	Full marks
	$Q3 = 7\ 669 + 11\ 408$	
	$= 19\ 077$	
4.2.6	Scaled mark in question.	
5.1.2	Accept 2% – 3% (between 10 and 11)	
	Only work out 4%.	2/4 marks
5.2.5	If using the formula (must be 100% correct):	Full marks
	$= R1 230 000 (1 + 8,1\%)^{2,67}$	
	= R1 513 934,068	
	= R1 529 360 - R1 513 934,068	
	= R15 425,932	
	$\checkmark A \checkmark A \lor \checkmark A$	Full marks
	R1 230 000 × 1,081 × 1,081 × 1,054	
	= R1 51 4 945,852 ✓CA	
	✓MCA	
	= R1 529 360 - R1 514 945,852	
	$=$ R14 414,15 \checkmark CA	
	Statement is valid \checkmark_{O}	
	= R1 51 4 945,852 \checkmark CA \checkmark MCA = R1 529 360 - R1 514 945,852 = R14 414,15 \checkmark CA Statement is valid \checkmark O Afrikaans = R14 000 meer:	
	= R14 414,15	
	Bewering is nie geldig nie.	

