



LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

GRADE 10

MATHEMATICAL LITERACY

ASSIGNMENT 1



DATE TO ISSUE: 30 January 2026

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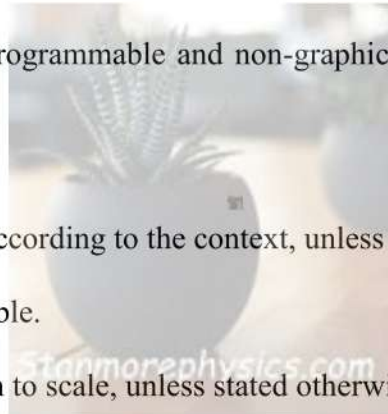
DURATION: 1 HOUR

MARKS: 50



INSTRUCTIONS AND INFORMATION:

1. This question paper consists of FOUR questions. Answer ALL the questions.
2. Number the questions correctly according to the numbering system used in this question 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 ALL the final answers appropriately according to the context, unless stated otherwise.
7. Indicate units of measurement, where applicable.
8. Maps and diagrams are NOT necessary drawn to scale, unless stated otherwise.
9. Write neatly and legibly.



QUESTION 1

Use the table below to match column A with column B. Write answers as follows: 1.1 G

Column A	Column B
1.1 Ratio	A. It is a result of multiplying the base by itself.
1.2 Proportion	B. It is a number between zero and one which represents a part of a whole, indicated by the numerator and denominator.
1.3 Rounding	C. It is a ratio between different types of quantities.
1.4 Fraction	D. It occurs when two ratios are equivalent.
1.5 Power	E. The process of simplifying a number by eliminating unwanted decimals, units, tens or hundreds in order to make calculations easier.
	F. It is a relationship that allows one to compare quantities of the same kind.

[10]

QUESTION 2

Use the following information graphic to answer the questions below:

Country	US/UK	Germany
Numbers	\$123,425.56	123,425,56€
Date & time formatting	09/29/2025	29/09/2025

● Numbers

- US/UK 72,250.55
- France 72 350.55
- Germany 72. 350.55

Date & time formatting

- US 12/15/2025 (M/D/Y)
- Other countries 15/12/2025 (D/M/Y)

- 2.1 In South Africa, dates are written with the day first and then the month and then the year, as they do in Germany and many other countries. The system is described in D/M/Y. (2)

Describe the US system in this way.

2.2 Write the number 101 323,50 using the US and the German systems. (4)

2.3 The amount 2.145,49 is printed in a German newspaper. How can this number be written in South Africa and in the US? (4)

2.4 Some of the numbers are written using the US and some using the German systems. Write the following numbers according to a space for a thousand separator and a decimal comma:-

(i) 105.403,32 (2)

(ii) 1,254,999.42 (2)

[14]

QUESTION 3

3.1 Write the following numbers in words:

(i) $\frac{1}{5}$

(ii) 0.2

(iii) 105 999



3.2 Write the following numbers in numerals:

(i) One million, six hundred and five thousand, four hundred and thirty- two. (2)

(ii) A twentieth. (2)

3.3 Fill in > or < to make the following sentences true:

(i) 0 ____ -4 (2)

(ii) -6 ____ -1 (2)

QUESTION 4

4.1 Calculate the following without the use of a calculator

(i) (i) $7 - (6 - 2)$

(2)

(ii) $12 \times (20 - 15) \div 2 + 3$

(2)

4.2 Ms. Rachel organises a trip to the Johannesburg Zoo for a group of people. The admission charges to the zoo are R78,00 per child and R132,00 per adult. She worked out the table to be R6 498,00. She collected R1 584 from the adults in the group.
How many children are there in the group?

(6)

[12]

TOTAL: 50





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MARKING GUIDELINE

MATHEMATICAL LITERACY

INVESTIGATION

SYMBOL/SIMBOOL	EXPLANATION/VERDUIDELIKING
M	Method/METODE
MA	Method with Accuracy/metode met akkuraatheid
CA	Consistent accuracy/konstante akkuraatheid
RCA	Rounding consistent Accuracy/af rond konstante akkuraatheid
A	Accuracy/akkuraatheid
O	Opinion/Explanation/ verduideliking
C	Conversion/omskakeling
S	Simplification/vereenvoudiging
RT/RG/RD/RM	Reading from table/Reading from graph/Reading from diagram/Reading from map/lees van grafiek, diagram, kaart
F	Choosing the correct formula/korrekte formule
SF	Correct substitution in a formula/korrekte substitusie in formule
J	Justification/regverdiging
P	Penalty e.g. for no units, incorrect rounding off etc./pennaliseer vir eenhede, afrond ens.
Ro	Rounding /af rond
NPU/NPR	No Penalty for units/ No Penalty for rounding.
AO	Answer only, full marks/antwoord alleen vol punte.

QUESTION 1 [10 marks]		Answer Only Full Marks
Ques	Solution	Explanation
1.		
1.1	F ✓✓A	2A for the explanation (2)
1.2	D ✓✓A	2A for the explanation (2)
1.3	E ✓✓A	2A for the explanation (2)
1.4	B ✓✓A	2A for the explanation (2)
1.5	A ✓✓A	2A for the explanation (2)
		[10]

QUESTION 2 [12 marks]		
	Solution	explanation
2.		
2.1	The US system writes dates with the month first and then the day and the followed by the year. ✓✓A OR The system is described in M/D/Y ✓✓A	2A for the correct answer (2)
2.2	US/UK system \$101,323.50 ✓✓A German system 101,323,50€ ✓✓A	2A for the correct answer 2A for the correct answer (4)
2.3	South Africa R2 145,49 ✓✓A US \$2,145.49 ✓✓A	2A for the correct answer 2A for the correct answer (4)
2.4	(i) 105 403,32 ✓✓A (ii) 1 254 999,04 ✓✓A	2A for the correct answer 2A for the correct answer (4)
		[14]

QUESTION 3 [12 marks]		
Ques	Solution	Explanation
3.1.	(i) One fifth ✓✓A (ii) Zero comma two. ✓✓A (iii) One hundred and five thousand, nine hundred and ninety nine. ✓✓A	2A for the answer 2A for the correct answer 2A for the correct answer (6)
3.2	(i) 1 650 432 ✓✓A (ii) 20 th ✓✓A	2A for the answer 2A for the answer (4)
3.3	(i) $0 > -4$ ✓✓A (ii) $-6 < 1$ ✓✓A	2A for the answer 2A for the answer (4)
		[14]
QUESTION 4 [15 marks]		
Ques	Solution	Explanation
4.		
4.1	$= 3$ ✓CA	1MA for removing bracket correctly 1CA for the answer (2)
4.2	$= 12 \times 5 \div 2 + 3$ ✓MA $= 30 + 3$ ✓MCA $= 33$ ✓CA	1MA for removing brackets. 1MCA for dividing 1MCA for multiplying 1CA for the answer (4)

4.3	(i) There are 63 children. OR No of adults = $R1\ 584 \div R132$✓MA $= 12$✓CA Total amount paid by children = $R6\ 498 - R1\ 584$✓MA $= R4\ 914$✓CA No of adults = $R4\ 914 \div R78$✓MCA $= 63$✓CA	6A for answer only 1MA for dividing correct values 1CA for the answer 1MA Subtracting correct amounts 1CA for the answer 1MCA for dividing correct amounts 1CA for the answer (6)
		[12]

TOTAL MARK: 50

