KWAZULU-NATAL PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

PROVINCIAL STANDARDISED ASSESSMENT

GRADE 10

MATHEMATICAL LITERACY P2

JUNE 2026

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MARKS: 50

TIME: 1 hour

This question paper consists of 6 pages AND an addendum of 3 pages.

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INSTRUCTIONS AND INFORMATION

1. This question paper consists of FOUR questions. Answer ALL the questions.
2. Use the ANNEXURES in the ADDENDUM to answer the following questions:
   - ANNEXURE A for QUESTION 2.
   - ANNEXURE B for QUESTION 4.
3. Number the answers correctly according to the numbering system used in this question paper.
4. Start EACH question on a NEW page.
5. You may use an approved calculator (non-programmable and non-graphical), unless stated otherwise.
6. Show ALL calculations clearly.
7. Round off ALL final answers to two decimal places, unless stated otherwise.
8. Indicate units of measurement, where applicable.
9. Maps and diagrams are NOT necessarily drawn to scale, unless stated otherwise.
10. Write neatly and legibly.

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QUESTION 1

1.1 TABLE 1 below gives definitions of terminology used in Mathematical Literacy.

A	Shows all possible outcomes of an event(s).
B	A diagram with three lines.
C	The instrument used to measure temperature.

Use TABLE 1 above and match the definitions terminology below. Write only the letter (A to C) next to the question number (1.1.1to 1.1.2), e.g. 1.1.3 E.

1.1.1 Tree diagram. (2)

1.1.2 Thermometer. (2)

1.2 Mrs Ndlonzi requires the following ingredients to prepare the crust for her preferred steak and kidney pie intended for the bazaar.



INGREDIENTS FOR CRUST

- 230g butter
- 0,6 litres of boiling water
- 12 oz effervescent flour

Bake for 25 - 30 minutes until brown.

Note: 1 oz = 28,35 g 1 litre = 1 000 ml

[Adapted from source:www.Facebook.com/resepte]

Use the information above to answer the questions that follow.

1.2.1 Convert 12 oz effervescent flour to grams. (2)

1.2.2 Mrs Ndlonzi places the pie in the oven at 12:15 and allows it to bake for the minimum recommended duration. At what time should she remove the pie from the oven? (2)

1.2.3 Given that she requires 0,6 litres of boiling water, determine the equivalent quantity in millilitres. (2)

1.2.4 Write down the probability in words of finding one ingredient that is given in imperial units. (2)

1.2.5 Given that the cost of one pie is R15, calculate the number of pies she can afford to make with an amount of R120. (2)

[14]

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QUESTION 2

2. Mr Chetty has developed a seating plan arrangement for his class, which learners are required to follow during the forthcoming June examinations. ANNEXURE A illustrates the seating plan.

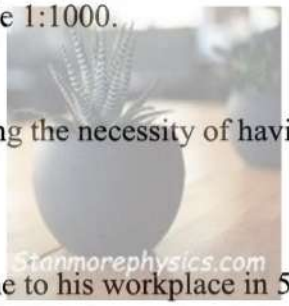
Use the information above and ANNEXURE A to answer the questions that follow.

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2.1 Determine the total number of learners in the class. (2)

2.2 Determine the direction of Mokgatla Princess relative to Khulu Sobongokuhle. (2)

2.3 Explain the meaning of the scale 1:1000. (2)



2.4 Provide TWO reasons explaining the necessity of having a seating plan for the examination. (4)

2.5 Mr Chetty travels from his home to his workplace in 55 minutes at an average speed of 80 km/h.

Calculate the distance between his home and workplace, rounding off the answer to the nearest kilometre.

You may use the following formula: **Distance = Speed x Time** (5)

[15]

QUESTION 3

3. Consuming a balanced diet that incorporates a diverse range of fruits and vegetables is essential for the maintenance of good health. An understanding of the average weight of these food items facilitates effective meal planning and ensures the adequate intake of essential nutrients.

PICTURE OF FRUITS



TABLE 2: LIST OF FRUITS WITH WEIGHT

Fruit	Weight
Banana	120 grams (4.2 oz)
Pineapple	2.7 kg (6 lbs.)
Mango	200 grams (7.1 oz)
Papaya	1 kg (2.2 lbs.)
Coconut	0.7 kg (1.5 lbs.)

[Adapted from https://www.google.com/url]

Use the information above to answer the questions that follow

3.1 Expressed as a fraction, the probability of selecting a mango from the given list of fruits. (2)

3.2 Calculate the total mass of all the fruits in kilograms, rounded to one decimal place. (5)

3.3 Show by calculations that mass of a banana is 60% of the mass of a mango. (2)

3.4 Fruits should be stored at a temperature of 10.6 °C to maintain freshness. Round this temperature to the nearest ten degrees. (2)

[11]

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QUESTION 4

4. Fikile and her friend are examining a map of the school they have recently enrolled in. Annexure B presents the school map.

Use ANNEXURE B and the information above to answer the questions that follow

4.1 Fikile is searching for a large room located to the left of the library. Identify and write down the name of this room. (2)

4.2 Fikile is currently in classroom 3 and needs to proceed to the tuck-shop. Provide directions for her to reach the tuck-shop. (4)

4.3 Provide TWO reasons explaining why the teachers' room is located adjacent to the entrance. (4)

[10]

TOTAL: 50

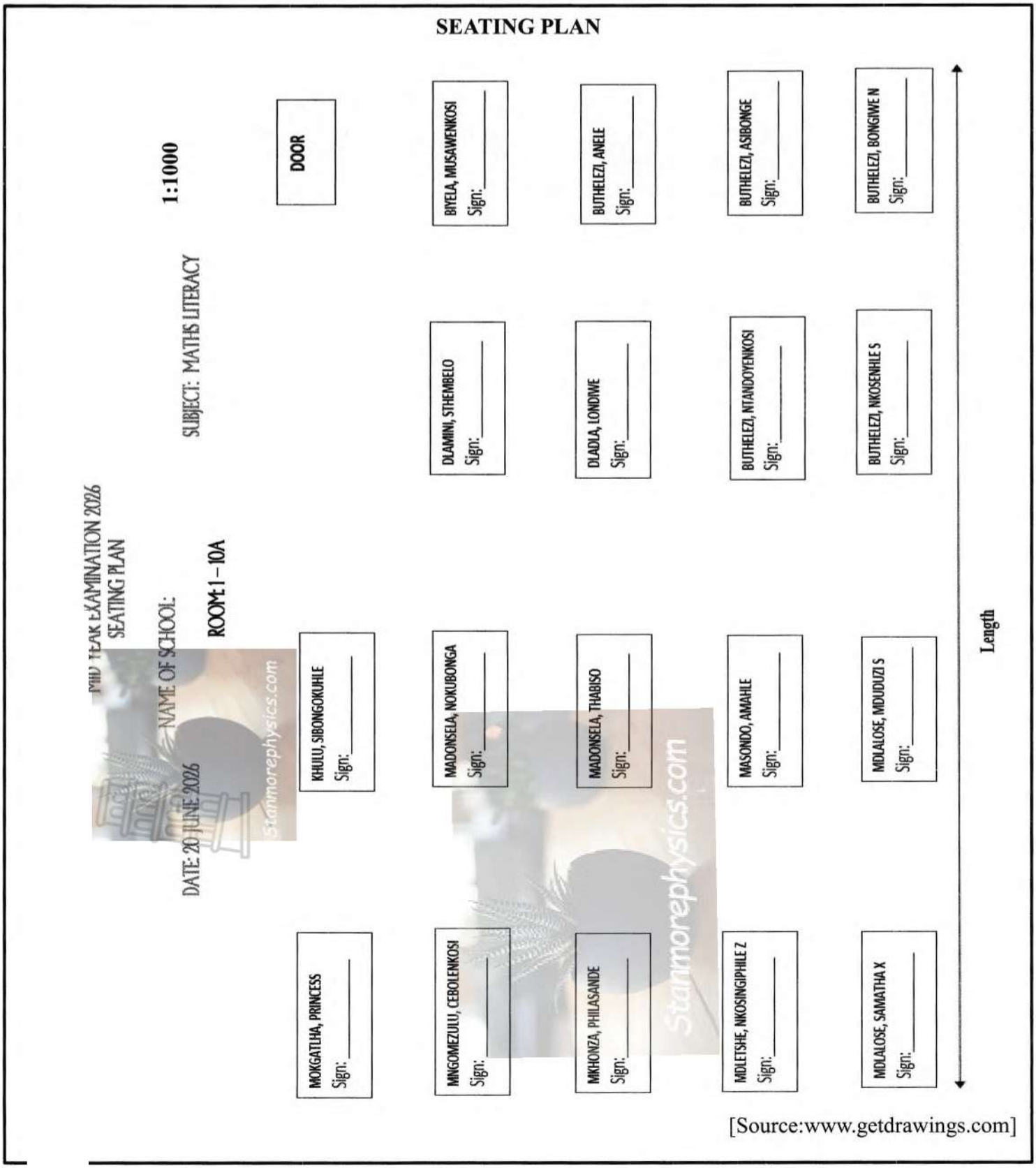
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ANNEXURE A

QUESTION 2

SEATING PLAN

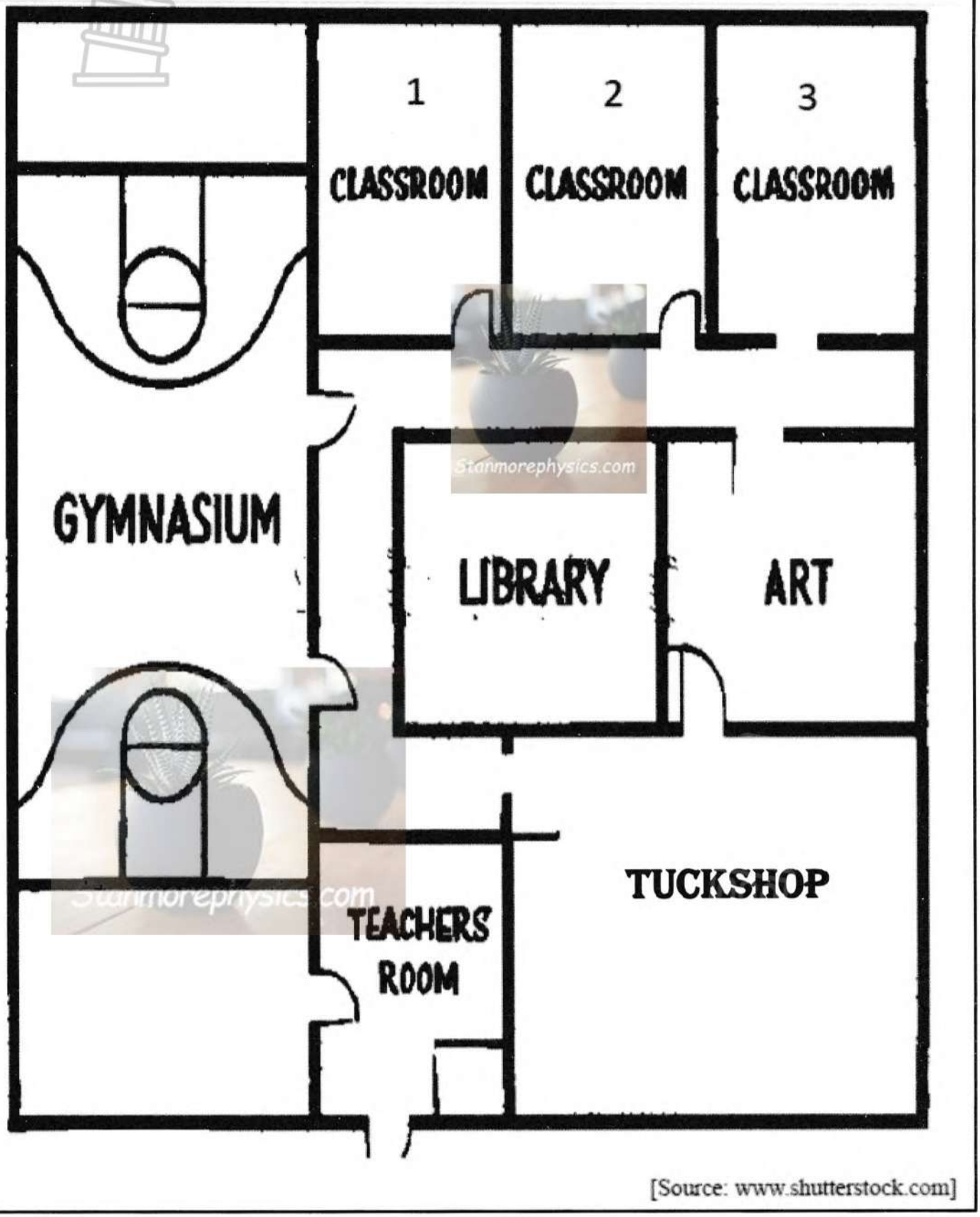


[Source:www.getdrawings.com]

ANNEXURE B

QUESTION 4

MAP SHOWING SCHOOL



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