

Names:

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ITEMS	LEARNERS SCORES
Item 1	
Item 2	
Item 3	
Item 4	
Total Scores	

KIYALA HIGH SCHOOL

MID TERM TWO ASSESSMENT TEST 2025

MATHEMATICS

S.1

Time: 2 Hours

INSTRUCTIONS:

- The paper contains **three** items.
- Attempt **all the three** items

Item 1.

Your school has designed a rectangular meal card whose corners are at points P(2,7), Q(6,7), R(6,-2) and S(2,-2) to help in school fees collection. The meal card is unique with a triangular design whose tips are at points (1,2), (3,4) and (5,5) inside it.

A student in senior one has drawn a circular design that just touches the three edges of the triangular design.

Task.

- Present the design of the card on a suitable graph.
- Work out the area of the card covered by its circular design.

Item 2.

Daniel discovered that the number of customers buying from his shop doubles every week.

As a sales promoter, he intends to give a free soda to whoever buys from his shop during the 6th, 8th and 12th week. He wants to purchase the sodas early enough but does not know how many of them he should buy for the promotion.

There were only 4 customers in the first week.

Task.

Help Daniel to find how many bottles of soda he needs to purchase for the promotion.

Item 3.

A school has organised a sports tournament amongst the 4 teams of the school: Victoria, Kyoga, Albert and George. The games master has been provided with UGX 2 million to be shared amongst the four houses as follows:

There were four games to participate in and the houses' performance was shown below.

House	Points			
	Football	Netball	Athletics	Debate
Victoria	4	5	23	5
Kyoga	5	6	18	4
Albert	7	7	13	7
George	3	7	22	3

Conditions for awards

Position	Percentage share
1	50%
2	3%
3	15%
4	Remainder

Task

- a)** Help the games master share the money amongst the participating houses.
- b)** In your opinion, how do you think you can benefit from sports.

***** WISHING YOU SUCCESS *****