

THE SUPERIOR MID TERM ONE EXAMINATION 2024

Primary Six Mathematics

TIME ALLOWED : 2 HOURS 30 MINUTES

PUPIL'S NAME: _____

SCHOOL: _____

DISTRICT: _____

READ CAREFULLY AND FOLLOW THE INSTRUCTIONS.

1. This paper is made up of two sections **A** and **B**.
2. Section **A** has **20** questions (**40** marks)
3. Section **B**, has **12** questions (**60** marks)
4. Attempt **ALL** questions. All answers to both Sections **A** and **B** **MUST** be written in the spaces provided.
5. All answers must be written in **blue** or **black** ball Point pen or ink. Only diagrams and graph work Must be done in pencil.
6. Unnecessary crossing of work will lead to loss of marks.
7. Any handwriting that cannot be easily read may Lead to loss of marks.
8. Do not fill anything in table. It is for Examiner's use only

FOR EXAMINERS USE ONLY:

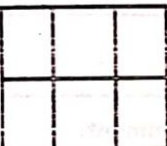


SECTION	SCORE	REMARKS
A		
B		
TOTAL		
Subject Teacher's comment:		



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SECTION A


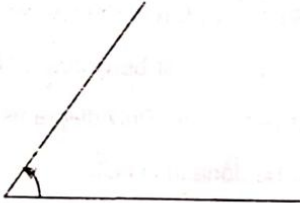

Each question carries 2 marks

1. Write in words: 7077	2. Find the LCM of 9 and 15 .
3. Given that set M = { 6, 9, 7 }, find the number of subsets in set M .	4. Round off 385 to nearest tens.
5. Simplify: 3m + 4n - 2m - n	6. Add $\frac{1}{2} + \frac{1}{4}$
7. shade $\frac{2}{3}$ of the figure. 	8. Measure the angle below. 
9. Find the square of 16 .	10. If  represents 10 flowers, How many pictos represent 40 flowers

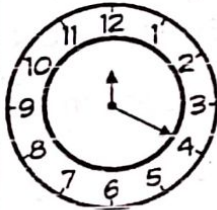
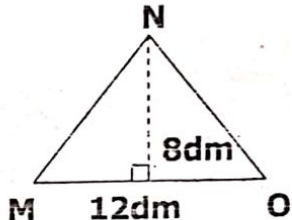
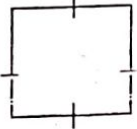


SECTION A

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11. What is the place value of 9 in the number: 798652 ?	12. Tell the time. 
13. What is the next number in the series: 1, 4, 9, 16, 25, _____	14. Add: 8 + 4 = _____ (finite 9)
15. Express 97 in Roman numerals.	16. In the triangle MNO , calculate the area. 
17. Solve 3y = 18 .	18. A girl is facing west. If she turns anti-clockwise to face south, through what angle does she turn?
19. How many lines of symmetry does the figure below have? 	20. A shopkeeper had 246,340 metres of cloth. If he bought 253,950 more metres, what is the amount of cloth he now has in the shop?

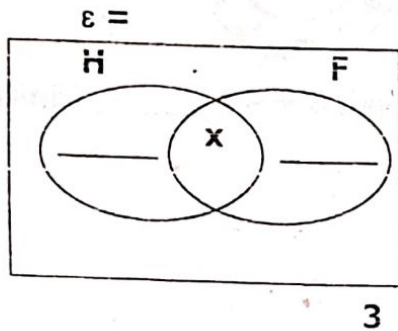


SECTION B

21. In a class of 40 pupils, 20 play Hockey (H), 24 play Football (F), 3 play neither Hockey nor Football and x pupils play both games.

a) Complete the venn diagram with the above information

(2marks)



b) How many pupils play both games?

(2marks)

c) Find the number of pupils who play one game only.

(1marks)

22. a) Express $\frac{30}{7}$ as a mixed number. (2marks)

b) Arrange $\frac{4}{5}$, $\frac{7}{10}$, $\frac{5}{6}$ and $\frac{2}{3}$ from the biggest to the smallest. (3marks)

23. a) Find the difference between the largest and the smallest numeral that can be formed from the digits: 5, 2, 1, 9, 4. (3marks)

	b) What is the product of the value of 7 and the place value of 3 in the number 4,378 ? <div style="text-align: right;">(2marks)</div>																			
24.	a) Stephan took 3 hours to travel from Jinja to Masaka a distance of 210km . At what speed was he travelling? <div style="text-align: right;">(1marks)</div>																			
b)	Work out: <div style="text-align: right;">(2marks)</div> i) <table><tr><td>Kg</td><td>g</td></tr><tr><td>4</td><td>560</td></tr><tr><td>+</td><td>6</td></tr><tr><td>6</td><td>480</td></tr></table> <div style="border-bottom: 1px solid black; width: 100px; margin-left: 0;"></div>	Kg	g	4	560	+	6	6	480	ii) <table><tr><td>Weeks</td><td>Days</td></tr><tr><td>12</td><td>4</td></tr><tr><td>- 8</td><td>6</td></tr><tr><td colspan="2"><div style="border-bottom: 1px solid black; width: 100px;"></div></td></tr><tr><td colspan="2"><div style="border-bottom: 1px solid black; width: 100px;"></div></td></tr></table> <div style="text-align: right;">(2marks)</div>	Weeks	Days	12	4	- 8	6	<div style="border-bottom: 1px solid black; width: 100px;"></div>		<div style="border-bottom: 1px solid black; width: 100px;"></div>	
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25.	The sum of three consecutive odd numbers is 45 . a) Find the numbers <div style="text-align: right;">(3marks)</div>	b) Work out the range of the numbers <div style="text-align: right;">(1marks)</div>																		
26.	Given that k = 3 , m = 4 and n = 2 . Evaluate: a) (k + m) - n <div style="text-align: right;">(2marks)</div>																			
b)	kn + m <div style="text-align: right;">(2marks)</div>	c) $\frac{km}{n}$ <div style="text-align: right;">(1marks)</div>																		

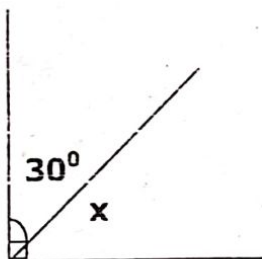


- 27 Mrs. Sempala went to Fair Price supermarket and bought the items listed below.
- 3 bars of soap at shs 800 per bar
 - 4 packets of biscuits at shs 4000
 - 3kg of sugar at shs 1500 per kg
 - 2 ½ kg of wheat flour at shs 2000 per kg
- a) Work out her total expenditure. (5marks)

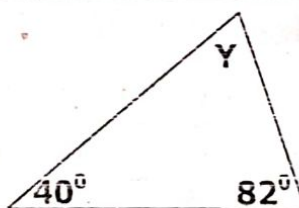
- b) If she had carried a twenty thousand shillings note, what amount of money did she remain with? (1marks)

28. Find the size of the unknowns in: (2marks)

a)

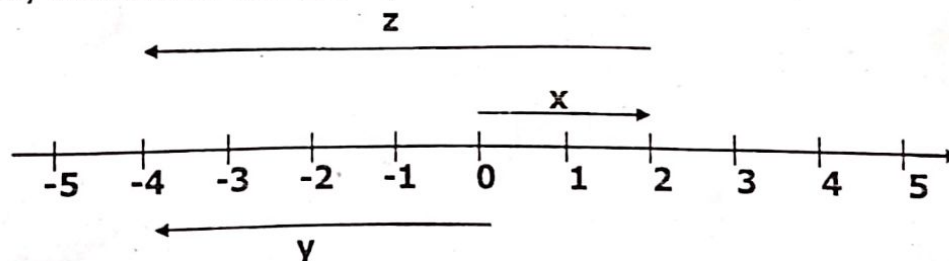


b)



(2marks)

- 29 Study the number line below.



a) Identify the integers shown by the letters:

(1mark each)

i) \times

ii) y iii) \mathbf{z}

b) Write the mathematical statement shown on the number line above.

(2marks)

30 In a class of **60** pupils, $\frac{7}{10}$ of them went for a Science tour at Nsangi farm and the rest remained at school.

a) What fraction of the class remained at school?

(2marks)

b)	How many pupils remained at school?
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(2marks)

c)

Each pupil was served with a mirinda bottle of soda at the farm. How much money was collected from the pupils if each bottle of soda was sold at shs 600? (2marks)

(2marks)













































31	During an immunization campaign attended by 167,000 people in June last year, Entebbe municipality immunized 47,600 women against Tetanus, 52,400 men were given drugs for bilharzia and many children were immunized against polio.	(1marks)
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(1marks)

a) How many adults attended the campaign?

b)	Find the number of children who were immunized against polio. (2marks)	c)	Each man was given a dosage of 8 tablets for bilharzia. How many doses of bilharzia tablets were given out? (2marks)
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32 The picture graph below shows the number of apples collected by different pupils at a school.

Pupil	Number of apples
Muloki	     
Lukwago	            
Nabunya	    
Chemonges	     
Ajambo	     
Otim	       

Key:  Stands for 10 apples

- a) Which pupil collected the highest number of apples? (1marks)
- b) How many more apples did Lukwago collect than Nabunya? (1marks)
- c) Calculate the total number of apples collected by all the pupils. (2marks)

