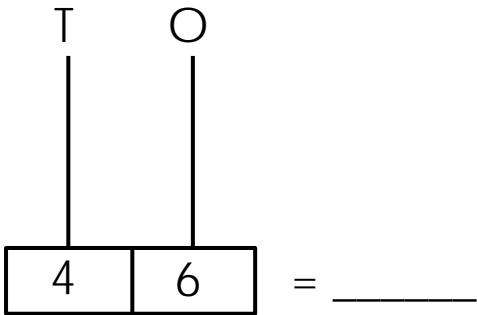
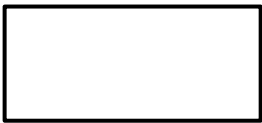


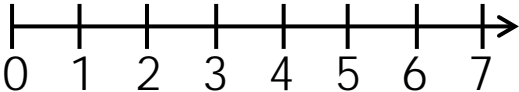
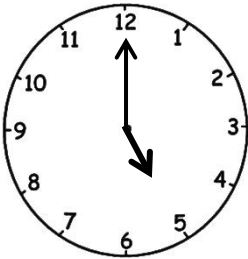
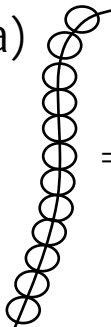
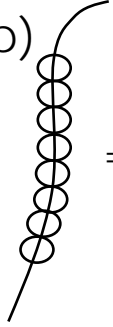
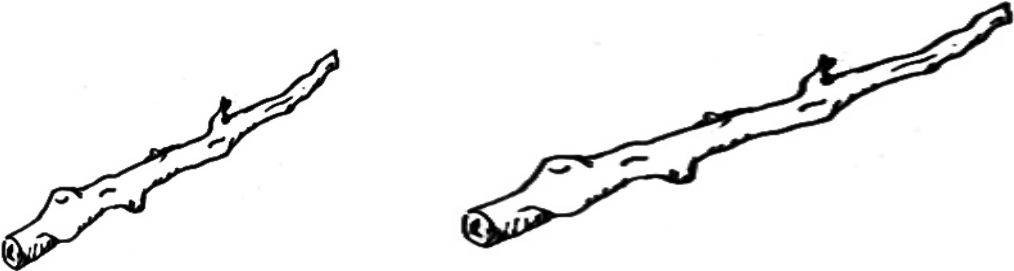


THE PRAISE END OF TERM III EXAMINATION 2022

Class: **Primary One**
 Subject: **MATHEMATICS**
 Name: _____
 School: _____

1. Add: $\begin{array}{r} 6 \\ + 2 \\ \hline \hline \end{array}$	2. Find the missing number. 23, 24, 25, _____, 27
3. Show 46 on the abacus below. <div style="text-align: center;">  </div>	4. Match correctly. <div style="display: flex; justify-content: space-between;"> <div>Twelve</div> <div>4</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Eight</div> <div>12</div> </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div>Four</div> <div>8</div> </div>
5. Fill in the correct numbers. 48 = ____ tens ____ ones	6. Name the shape. <div style="display: flex; align-items: center;">  _____ </div>
7. Study the pictures. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  A pot </div> <div style="text-align: center;">  A ball </div> </div> <p style="text-align: center; margin-top: 20px;">_____ is bigger than _____</p>	8. Add: a) $\frac{1}{5} + \frac{2}{5} =$ a) $\frac{2}{7} + \frac{3}{7} =$

9.	<p>Circle the smaller number.</p> <p>9 or 6</p>	10.	<p>How many days make a week?</p>
11.	<p>Find the missing number.</p> <p><input type="text"/> + 4kg = 6kg</p>	12.	<p>Add using a number line.</p> <p>$3+2 = \underline{\hspace{2cm}}$</p> 
13.	<p>Arrange 6, 2, 1, 5, 4 in order starting with the biggest.</p>	14.	<p>Expand using values.</p> <p>$74 = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$</p>
15.	<p>Tell the time.</p>  <p>It is <u> </u></p>	16.	<p>Count and write the number.</p> <p>a)  = <u> </u></p> <p>b)  = <u> </u></p>
16.	<p>Shade the shorter stick.</p> 		

18. a) Multiply:

i) $2 \times 5 = \underline{\hspace{2cm}}$

ii)

4
<u>x 0</u>
<u> </u>

b) Take away:

Tens	Ones
3	5
<u>- 2</u>	<u>1</u>
<u> </u>	<u> </u>

19. a) Add weeks and days

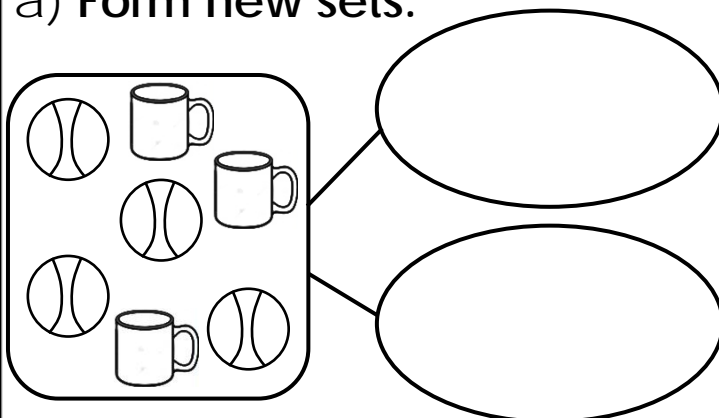
Weeks	Days
3	4
<u>+ 2</u>	<u>1</u>
<u> </u>	<u> </u>

b) Write the missing letters.

i) We__nesday

ii) Sund__y

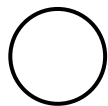
20. a) Form new sets.



A set of _____

A set of _____

21. Match correctly



Triangle



Kite



Cone



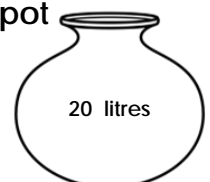
Circle

22. Below are containers.

A bucket



A pot



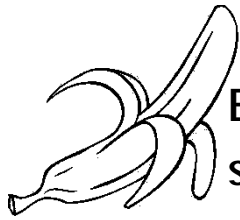
a) _____ holds more water

b) _____ holds 20 litres

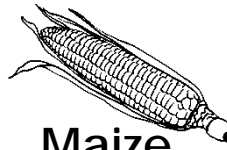
c) Add litres

20litres + 9 litres = ____litres

23. John went to the market and bought the following items



Banana
sh. 300



Maize
sh. 500



Apple
sh. 800

a) Who bought the items above?












b) How many items did John buy?

c) _____ is the most expensive item.

d) Add: sh. 500

$$\begin{array}{r} + \text{sh. } 800 \\ \hline \text{sh. } \end{array}$$

24. Study the graph below

Mark					
Jim					
Alex					

a) _____ has more balls?

b) **Share balls equally.**

$$6 \text{ balls} \div 2 = \text{_____ balls}$$

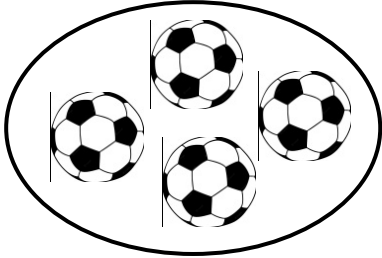
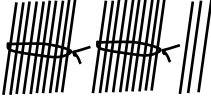
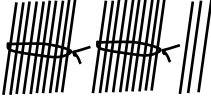
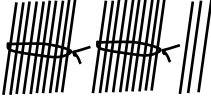
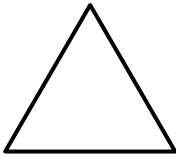

c) _____ and _____ has the same number of balls.




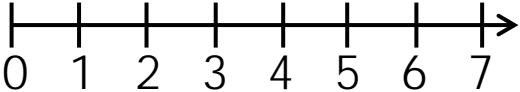
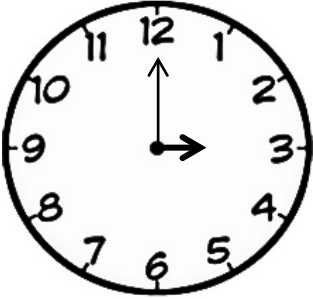
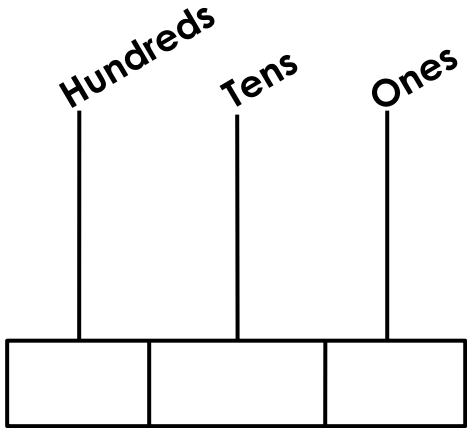
d) How many balls do the three children have altogether?

END

THE PRAISE END OF TERM III EXAMINATION 2022

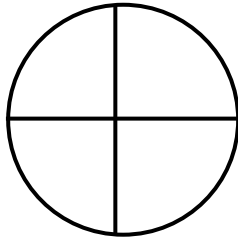
Class: **Primary Two**
 Subject: **MATHEMATICS**
 Name: _____
 School: _____

<p>1. Subtract:</p> $\begin{array}{r} \text{T} \quad \text{O} \\ 2 \quad 5 \\ - 1 \quad 3 \\ \hline \\ \hline \end{array}$	<p>2. Write the next number.</p> <p>10, 20, 30, 40, _____</p>						
<p>3. Name the set below</p> 	<p>4. Match correctly.</p> <table style="width: 100%;"> <tbody> <tr> <td>$2 + 6 + 5$</td> <td>23</td> </tr> <tr> <td></td> <td>4</td> </tr> <tr> <td>$10 - 6$</td> <td>13</td> </tr> </tbody> </table>	$2 + 6 + 5$	23		4	$10 - 6$	13
$2 + 6 + 5$	23						
	4						
$10 - 6$	13						
<p>5. Write 19 in words</p>	<p>6. How many sides has the shape below?</p>  <p>_____</p>						
<p>7. Who is heavier?</p>  <p>Jane</p> <p>Alex</p>	<p>8. Add:</p> <p>a) $\frac{4}{9} + \frac{1}{9} =$</p> <p>a) $\frac{2}{11} + \frac{3}{11} =$</p>						

9.	Circle the smallest number. 87, 79 or 90	10.	How many days make a week?
11.	If  costs sh. 500. What is the cost of  	12.	Subtract using a number line. $6 - 2 = \underline{\hspace{2cm}}$ 
13.	Multiply: $\begin{array}{r} 13 \\ \times 2 \\ \hline \end{array}$	14.	Work out: $\square + 4 = 12$
15.	Tell the time. 	16.	Show 240 on the abacus 
16.	Write in short. a) $50 + 7 = \underline{\hspace{2cm}}$ b) 2 cats + 8 cats = $\underline{\hspace{2cm}}$ cats		

18. a) **Shade the fractions**

(i) $\frac{1}{4}$



(ii) $\frac{2}{3}$



b) Write in figures

A half = _____

19. a) **Add:**

T	O
3	4 kg
+ 2	1 kg
_____	kg

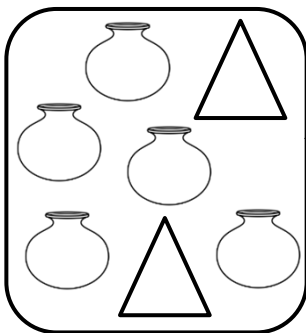
b) **Use; +, -, x, ÷ to fill the gaps**

i) $3 \text{ _____ } 2 = 6$

ii) $8 \text{ _____ } 4 = 2$

iii) $7 \text{ _____ } 2 = 5$

20. a) **Form new sets.**



A set of _____



A set of _____

21. **Draw these shapes**

Triangle



Cone



Oval



22. a) **Add litres:**

4 2 3 litres
+ 1 4 2 litres

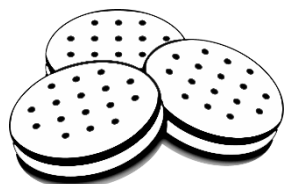
litres

b) **Take away:**

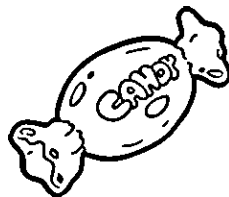
$12 \text{ litres} - 7 \text{ litres} = \text{_____}$

$8 \text{ ml} - 6 \text{ ml} = \text{_____} \text{ ml}$

23. Maria went to the supermarket and bought these items:



Biscuits
sh. 1000



A sweet
sh. 200



An orange
sh. 500

- a) Which item is most expensive?

- b) How many items did Maria buy?

- c) _____ costs sh. 500.



- d) **Subtract:** sh. 500

$$\begin{array}{r} \text{sh. 500} \\ - \text{sh. 200} \\ \hline \text{sh.} \\ \hline \end{array}$$

- e) **Add:** sh. 1000

$$\begin{array}{r} \text{sh. 1000} \\ + \text{sh. 500} \\ \hline \\ \hline \end{array}$$

24. a) Study the graph below and complete it.

Joan		4
Amin		_____
Ben		_____

- b) _____ has less cups

- c) _____ and _____ has the same number of cups.

- d) How many balls do the three children have altogether?

END

PRAISE EDUCATION SERVICES

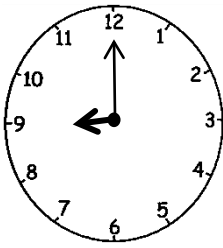
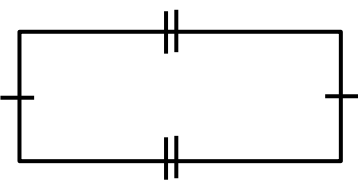
END OF TERM THREE EXAMINATION-2022

P.3 mathematics

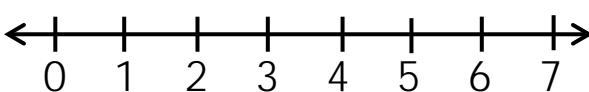
Pupil's name: _____

School: _____

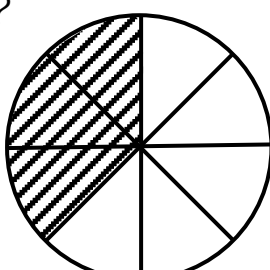
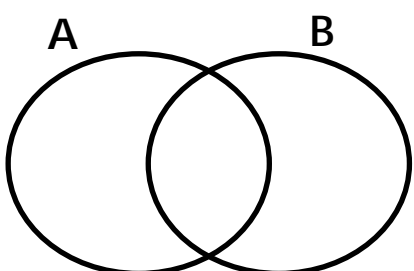
SECTION A: 40 MARKS

1.	Work out: $\begin{array}{r} 48 \\ - 23 \\ \hline \\ \hline \end{array}$	2.	Expand 432 using values
3.	What number comes before 20?	4.	Subtract: $\frac{8}{9} - \frac{3}{9} =$
5.	Given that set $P = \{s, w, y, u\}$. How many elements are in set P?	6.	Tell time: 
7.	Find the missing number in the box. <div style="display: inline-block; border: 1px solid black; width: 30px; height: 30px; vertical-align: middle;"></div> + 3 = 10	8.	Name the shape below. 



9.	Add: 3 4 7 litres +5 1 2 litres _____	10.	Write 123 in words
11.	Which tree is shorter? <div data-bbox="220 465 651 654" data-label="Image"> </div> Tree _____ is taller	12.	What is the place value of 3 in 435?
13.	How many triangles are in the drawing below? <div data-bbox="264 900 545 1048" data-label="Image"> </div>	14.	How many 5 litre tins can fill a 20 litre jerry can with water? 20 ÷ 5 = _____ tins
15.	Allen had 9 eggs. Some eggs got broken. She remained with 6 eggs. How many eggs got broken?	16.	A pencil costs sh. 200. Find the cost of 3 similar pencils.
17.	Change 2 weeks to days.	18.	Shade $\frac{3}{4}$ of the drawing below. <div data-bbox="1024 1823 1244 2024" data-label="Image"> </div>

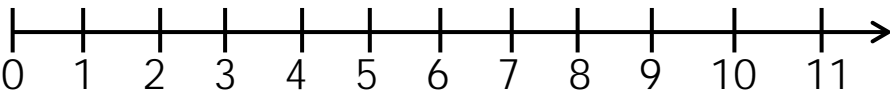
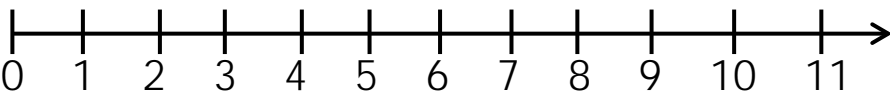
19.	There are 24 girls and 15 boys in P.3. Find the total number of pupils.	20.	Add using a number line. $2 + 3 = \underline{\hspace{2cm}}$ 
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SECTION B: 60 MARKS

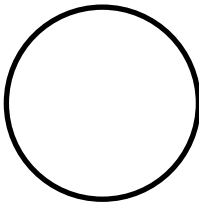
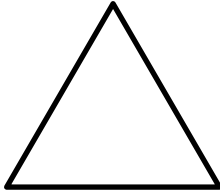

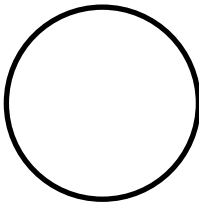
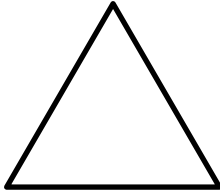

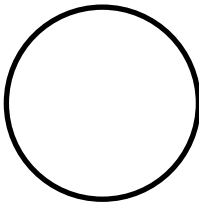
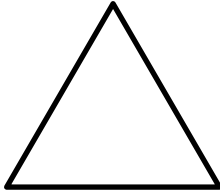

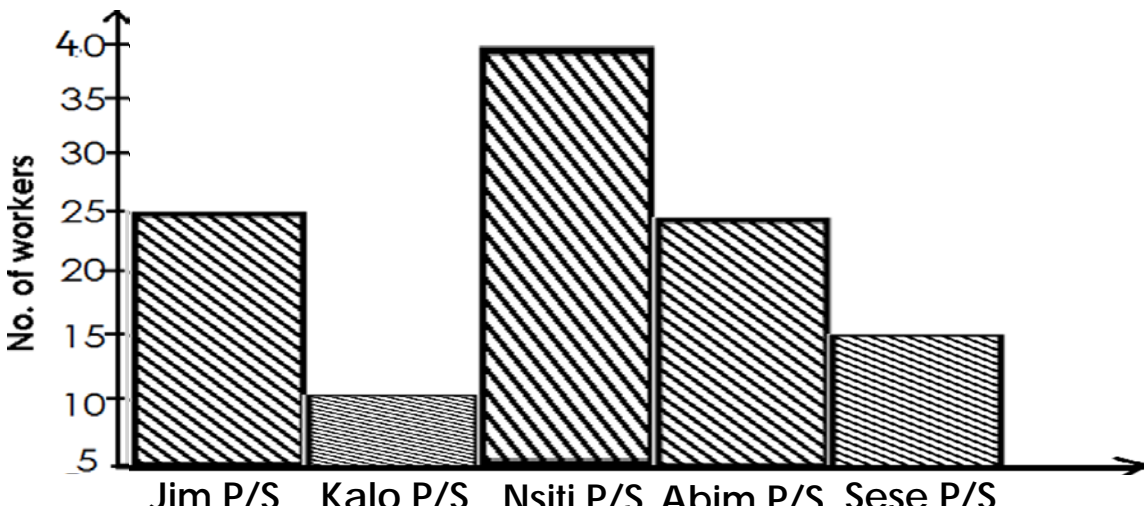
21.	a) Use less than , greater than , or equal to to complete. <div style="text-align: right;">(2 marks each)</div> <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> i) $\frac{3}{13}$ $\underline{\hspace{2cm}}$ $\frac{9}{13}$ </div> <div style="text-align: center;"> ii) $\frac{5}{9}$ $\underline{\hspace{2cm}}$ $\frac{5}{9}$ </div> </div> <div style="display: flex; justify-content: space-around; align-items: flex-start; margin-top: 20px;"> <div style="text-align: center;"> iii) $\frac{1}{3}$ $\underline{\hspace{2cm}}$ $\frac{1}{5}$ </div> </div>		
	b) Alex and John shared an orange. Alex took the shaded part and John took the unshaded part. What fraction did each take? <div style="text-align: right;">(1 mark each)</div> <div style="display: flex; align-items: center; justify-content: center; margin-top: 10px;">  <div style="margin-left: 20px;"> i) Alex took $\underline{\hspace{2cm}}$ ii) John took $\underline{\hspace{2cm}}$ </div> </div>		
22.	Given that set $A = \{ 3, a, b, 4 \}$ and set $B = \{ a, b, c, d \}$		
	a) Which set has more members? (1 mark) b) List down all common members of set A and set B (2 marks)	c)	On the Venn diagram below, shade set A union set B (2 marks) 

23.	Given the digits. 5, 3, 4 <div> <div>(a) Form the biggest three digit number. (2 marks)</div> <div>(b) Form the smallest three digit number. (2 marks)</div> </div> <div> <div>(c) Find the sum of the biggest and smallest numbers formed. (2 marks)</div> </div>		
24.	(a) Add: Hours Minutes <div> <div>4 24</div> <div>+ 3 15</div> <div>_____</div> <div>_____</div> </div>	(b)	How many minutes are in one hour? <div>(2 marks each)</div>
25.	Find the missing numbers. (2 each marks) (2 marks each) <div> <div>(i) <input type="text"/> + 7 = 17</div> <div>(ii) 18 - <input type="text"/> = 10</div> <div>(iii) 10 + <input type="text"/> = 12</div> </div>		
26.	Work out: (2 marks each) <div> <div>a) M Cm</div> <div>4 40</div> <div>+ 2 15</div> <div>_____</div> <div>_____</div> </div> <div> <div>b) Kg g</div> <div>8 450</div> <div>- 3 210</div> <div>_____</div> <div>_____</div> </div>		

27.	<p>A teacher recorded ages of two children.</p> <div><div><p>Jane</p><p>14 years old</p></div><div><p>Juliet</p><p>15 years old</p></div></div> <p>(a) Who is older? (2 mrks)</p>	b)	Who is 14 years old? (2 mrks)
		c)	Find their total age. (2 mrks)

28.	<p>Work out using a number line. (2 marks each)</p> <p>a) $10 - 7 =$</p> <div></div> <p>b) $3 + 6 =$</p> <div></div>		
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29.	<p>Study the price list below and answer questions that follow.</p> <table><tr><th>Item</th><th>Cost per item</th></tr><tr><td>Milk</td><td>Shs. 1,500</td></tr><tr><td>Bread</td><td>Shs. 4,000</td></tr><tr><td>Sugar</td><td>Shs. 3,500</td></tr></table> <p>a) How much is the; (2 mrks)</p> <p>(i) most expensive item?</p> <p>(ii) cheapest item?</p>			Item	Cost per item	Milk	Shs. 1,500	Bread	Shs. 4,000	Sugar	Shs. 3,500	b)	How much will Moses pay for one litre of milk and one kilogram of sugar altogether? (2 marks)
Item	Cost per item												
Milk	Shs. 1,500												
Bread	Shs. 4,000												
Sugar	Shs. 3,500												

30.	a) Name the shapes below. (1 mark each)														
<table><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>															
															
	b) How many sides has a rectangle? (1 mark)														
31.	a) Write $\frac{1}{2}$ in words. (2 mrks)	b)	Add: $\frac{2}{7} + \frac{3}{7} =$ (2 marks)												
32.	Five schools employed workers as shown on the graph below.  <table><thead><tr><th>School</th><th>No. of workers</th></tr></thead><tbody><tr><td>Jim P/S</td><td>25</td></tr><tr><td>Kalo P/S</td><td>10</td></tr><tr><td>Nsiti P/S</td><td>40</td></tr><tr><td>Abim P/S</td><td>25</td></tr><tr><td>Sese P/S</td><td>15</td></tr></tbody></table>			School	No. of workers	Jim P/S	25	Kalo P/S	10	Nsiti P/S	40	Abim P/S	25	Sese P/S	15
School	No. of workers														
Jim P/S	25														
Kalo P/S	10														
Nsiti P/S	40														
Abim P/S	25														
Sese P/S	15														
	a) Which school employed more workers? (1mk) b) _____ and _____ employed the same number of workers. (2mks)	c)	How many workers did all the schools employ altogether? (2 mrks)												

END

END

THE PRAISE END OF TERM III EXAMINATION 2022

Class: **Primary Four**
Subject: **MATHEMATICS**
Duration: **2hours 30minutes**

Name: _____

School: _____

District: _____

Read the following instructions carefully:

1. This paper has two sections **A** and **B**. Section **A** has **20 questions** and section **B** has **12 questions**. This paper has **8 pages** printed altogether.
2. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **NOT** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the table indicated: "**For examiners' use only**" and the boxes inside the question paper

FOR EXAMINERS' USE ONLY

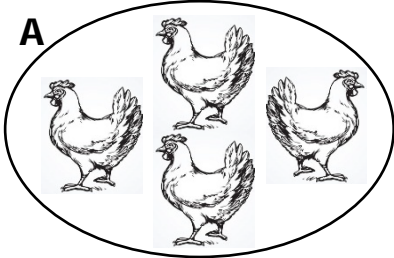
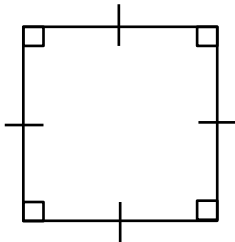
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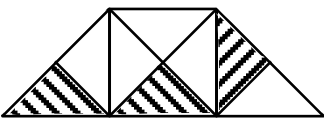


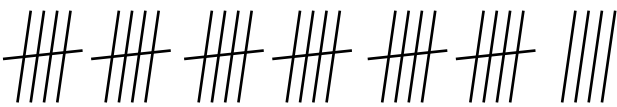
SECTION A: 40 MARKS

Answer all questions in this section

1.	Work out: $\begin{array}{r} 42 \\ +13 \\ \hline \\ \hline \end{array}$	2.	Write in figures: Four hundred ninety seven
3.	Find the missing number: 996, 997, 998, 999, _____	4.	Write the place value of 8 in 682
5.	How many elements are in set A? 	6.	Add: $\frac{4}{7} + \frac{1}{7}$
7.	Change 3 weeks to days	8.	List counting numbers from 5 to 12
9.	Work out: $\begin{array}{r} \text{sh } 4800 \\ - \text{sh } 2100 \\ \hline \\ \hline \end{array}$	10.	Name the shape below.  _____

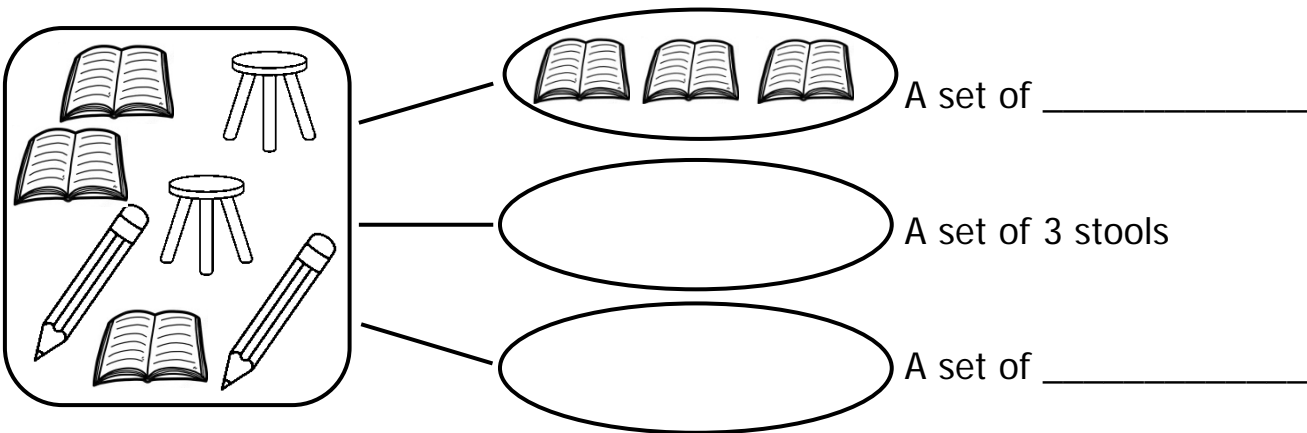
11.	Share 240 sweets among 2 boys. How many sweets does each get?	12.	Find the missing number. <div><div></div> - 3 = 6</div>
13.	Write the number represented by the arrows on the number line below. <div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>0</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5</div><div>6</div><div>7</div><div>8</div><div>9</div><div>10</div></div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><i>b</i></div><div></div></div><div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div></div><div><i>c</i></div><div></div></div></div></div><div>i) <i>b</i> = <div></div> ii) <i>c</i> = <div></div></div></div></div>		
14.	Akiki weighs 32kg. Adwaro weighs 27kg. Find their total weight.	15.	Expand 243 using values.
16.	On the Venn diagram below, shade <i>P</i> ∩ <i>Q</i> <div><div><div><div></div><div></div></div><div><div><div></div><div></div></div><div><div></div><div></div></div></div></div></div>	17.	Add: <div><div><div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div><div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> <div><div></div><div></div><div></div><div></div></div> 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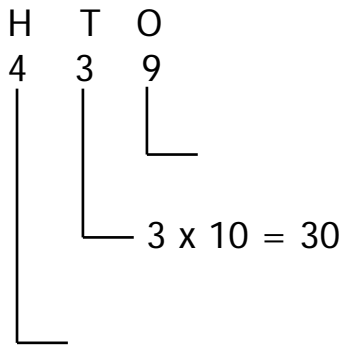
18.	In a class of 48 pupils, 12 pupils are absent. How many pupils are present?	19.	What fraction of the diagram is shaded? 
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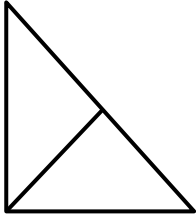
20.	Find the number represented by the tally marks below. 
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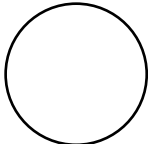

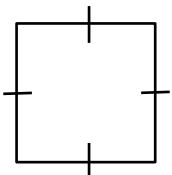
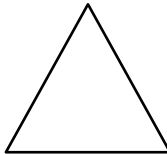
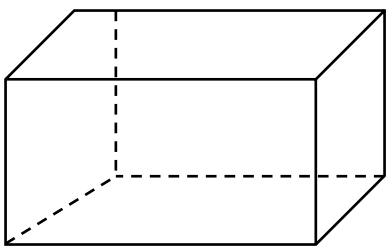
SECTION B: 60 MARKS

Marks for each question are indicated in brackets

21.	Form and name new sets 	(4mrks)
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22.	a) Find in the missing number; (1mrk each) i) 10, 20, 30, 40, _____ ii) 150, 140, 130, _____	b) What is the value of each digit in the number 493? (2mrks) 
-----	---	--

23.	a) Subtract: $\begin{array}{r} 4\ 3\ 9\ 6 \\ -\ 1\ 2\ 7\ 5 \\ \hline \\ \hline \end{array}$ (1mrk)	b) Multiply: i) $345 \times 10 = \underline{\hspace{2cm}}$ (1mrk) ii) $\begin{array}{r} 2\ 4 \\ \times\ 3 \\ \hline \\ \hline \end{array}$ (2mrks)
	c) Kanyanya sold 432 tomatoes on Friday and 168 tomatoes on Saturday. How many tomatoes did he sell in the two days altogether? (2mrks)	
24.	a) How many triangles are in the figure below? (1mrk) 	b) Arrange starting with the smallest number. (1mrk each) i) 12, 9, 0, 15, 21 ii) 343, 511, 329, 340, 314
25.	a) Use $>$, $<$ or $=$ to compare the given fractions. (1mrk each) i) $\frac{4}{9}$ _____ $\frac{4}{9}$ ii) $\frac{3}{7}$ _____ $\frac{1}{7}$ iii) $\frac{5}{11}$ _____ $\frac{2}{11}$ iv) $\frac{1}{4}$ _____ $\frac{3}{4}$	b) Mukodo had $\frac{7}{9}$ of the cake. He ate $\frac{5}{9}$. What fraction of the cake remained? (2mrks)

26.	<div><div>a) Match shapes to their names. (1mrk each)</div><div><div></div><div>Square</div></div><div><div></div><div>Triangle</div></div><div><div></div><div>Circle</div></div><div><div></div><div>Rectangle</div></div></div>	<div><div>b) Study the figure below.</div><div></div><div><div>i) Name the figure above. (1mrk)</div><div>ii) How many vertices does the figure above has? (1mrk)</div></div></div>														
27.	<div><div>a) The price of one pen is sh 700 and one book is sh 1000. How much money do you pay for 2 pens and 3 books altogether? (2mrks)</div></div>	<div><div>b) Alex bought a cup at sh 450 and sold it at sh 500. What profit did he make? (2mrks)</div></div>														
28.	<div><div>Complete the table below correctly. (1mrk each)</div><table><tr><td>Number of stools</td><td>_____</td><td>2</td><td>3</td><td>_____</td><td>6</td><td>7</td></tr><tr><td>Number of legs</td><td>3</td><td>_____</td><td>_____</td><td>15</td><td>_____</td><td>21</td></tr></table></div>		Number of stools	_____	2	3	_____	6	7	Number of legs	3	_____	_____	15	_____	21
Number of stools	_____	2	3	_____	6	7										
Number of legs	3	_____	_____	15	_____	21										

29.	<p>a) Maama Taufik prepared 2200 millilitres of tea in kettle and 1800 litres of tea in a saucepan.</p>		
	<p>i) How many millilitres tea did she prepare altogether? (2mrks)</p>	ii)	<p>How many 500ml cups were got from the tea she prepared? (2mrks)</p>
30.	<p>b) Calculate the area of the rectangle below. (2mrks)</p> <div data-bbox="215 750 769 1086" data-label="Diagram"> </div>		
	<p>a) Tell the time. (1mrk)</p> <div data-bbox="300 1265 619 1594" data-label="Image"> </div>	b)	<p>Given that 1 day = 24 hours. How many hours are in 5 days? (2mrks)</p>
	<p>c) If today is Monday, what day of the week will it be after 4 days? (1mrk)</p>		

31.	a) Find the missing number			
i) + 4 = 9 (2mrks)		ii) × 3 = 6 (2mrks)		
b) Use +, -, ÷ or × to complete. (1mrk each)				
i) 3 _____ 3 = 6				
ii) 12 _____ 4 = 3				

32.	The graph below shows the number of books in different schools.																								
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th style="width: 20%;">Mputu P/S</th> <th style="width: 20%;">Kagege P/S</th> <th style="width: 20%;">Kapalaga P/S</th> <th style="width: 20%;">Kapere P/S</th> <th style="width: 20%;">Magale P/S</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Mputu P/S	Kagege P/S	Kapalaga P/S	Kapere P/S	Magale P/S															
Mputu P/S	Kagege P/S	Kapalaga P/S	Kapere P/S	Magale P/S																					
Scale: stands for 25 books																									
a) Which school has the least number of books? (1mrk)																									
b) Which schools have the same number of books? (1mrk)																									
c) How many books are in Mputu P/S? (2mrks)			d) How many more books are in Magale P/S than Kapalaga P/S? (2mrks)																						

THE PRAISE END OF TERM III EXAMINATION 2022

Class: **Primary Five**
Subject: **MATHEMATICS**
Duration: **2hours 30minutes**

Name: _____

School: _____

District: _____

Read the following instructions carefully:

1. This paper has two sections **A** and **B**. Section **A** has **20 questions** and section **B** has **12 questions**. This paper has **8 pages** printed altogether.
2. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **NOT** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the table indicated: "**For examiners' use only**" and the boxes inside the question paper

FOR EXAMINERS' USE ONLY

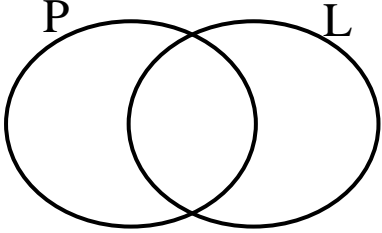
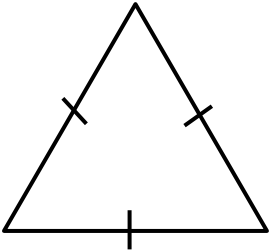
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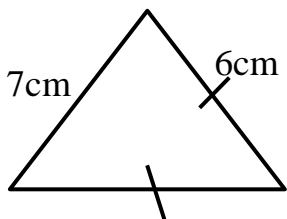
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SECTION A : 40 MARKS

Answer all questions in this section

1.	Work out: 34×2	2.	Write ninety thousand, twelve in figures.
3.	Find the next number in the sequence: 4, 6, 9, 13, 18, _____	4.	On the Venn diagram below, shade set P only 
5.	It started raining at 9:00a.m and ended at 11:00a.m. For how long did it rain?	6.	Simplify: $8g + 6g - 7g$
7.	Show all of lines of folding symmetry in the figure below. 	8.	A trader had 40 oranges to be sold in heaps of 5 oranges each. How many heaps did the trader make?
9	Change $6\frac{1}{4}$ into an improper fraction.		

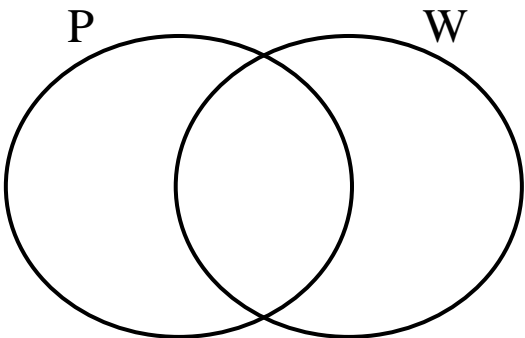
10.	Calculate the lowest common multiple (LCM) of 8 and 12.	11.	By selling a book at sh. 3500, Dissan made a profit of sh. 700. Find the cost price of the book.
12.	Find the missing value $\square \div 7 = 4$	13.	Arrange 409, 297, 645 and 195 starting with the smallest number.
14.	Mulo was facing West. He turned anti-clockwise through an angle of 135° . In which direction did he face?	15.	Find the sum of $\frac{6}{13}$ and $\frac{7}{13}$
16.	Find the perimeter of the figure below. 		
17.	Calculate the average of 9, 7, 13 and 11	18.	Change 180 minutes into hours

19.	Work out: Km M 8 9 8 2 - 5 6 1 3 <hr/> <hr/>	20.	Given that ○ stands for 9 eggs. How many eggs are drawn below? ○○○○○○○○
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SECTION B : 60 MARKS

Answer all questions in this section

Marks for each question are indicated in brackets

21.	Given that $P = \{2, 3, 5, 7, 11\}$ and $W = \{0, 1, 2, 3, 4, 5\}$ (a) Find $n(W)$. (1mk) (b) Represent the given sets on the Venn diagram below. (3mks) <div style="text-align: center;">  </div> (c) Find $n(P \cap W)$ (2mks)	22.	Using the digits; 2, 8 and 4, a) Form the greatest and the least 3-digit numerals (i) greatest 3-digit numeral. (1mk) (ii) least 3-digit numeral. (1mk) b) Work out the difference between the greatest and the least 3-digit numerals formed above. (2mks) c) Expand the greatest 3-digit numeral formed above using values. (2mks)
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23.
John and Alex shared sh. 41,200 equally
a) How much money did each get?
(2mks)

b) Given that Alex used his share to buy the items shown in the table below.

Item	Quantity	Unit cost	Amount
Books	3	_____ per book	sh. 3000
Pens	_____	sh. 800 each pen	sh. 1600
Brooms	8	sh. 400 per broom	sh. 3200
Total expenditure			_____

i) Complete the table above. (3mks)
ii) How much money did he remain with? (1mk)

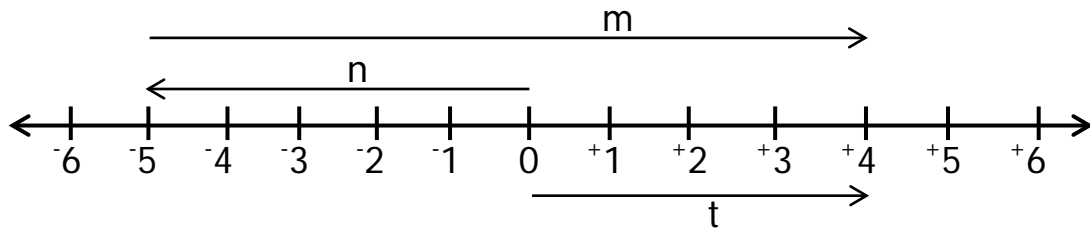
24.
Tell the time shown on the clock face below.
(2mks)

b) Kaweke covered 90 kilometres in 3 hours. Calculate his speed in km/h. (2mks)

25.
a) Use <, > or = to complete the statements below. (1mk each)

(i) 0 _____ -3
(ii) +5 _____ 5

- b) Study the number line below and use it to write the value of the integers represented by arrows; m, t and n. (1mk each)



- (i) m = _____ (ii) t = _____ (iii) n = _____

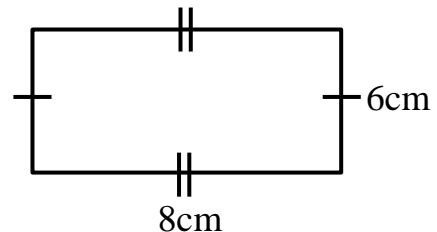
26. Express 0.25 as a simplified common fraction. (2mks)

b) Work out:
$$\begin{array}{r} 24.48 \\ + 0.91 \\ \hline \\ \hline \end{array}$$
 (1mk)

- c) Write the place value of 9 in 0.29 (1mk)

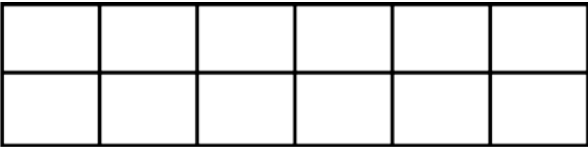
27. a) Change 8 metres into centimetres. (2mks)

- b) Calculate the area of the figure below. (2mks)



- 28 The sum of the values in the table below is the same vertically, horizontally and diagonally. Find the value of the unknowns. (5mks)

a	d	8
c	7	6
6	e	b

29.	Using a ruler, a pencil and a pair of compasses only, construct a regular hexagon using a circle of radius 3cm. (4mks)		
30.	a) Work out: $\frac{3}{4} \times \frac{1}{2}$ (2mks)	b)	Shade $\frac{2}{3}$ of the figure below. (2mks)
			
	c) Find $\frac{1}{4}$ of 24 goats (2mks)		
31.	a) Solve: $2p - 7 = 9$ (2mks)		

b) Given that $a = 6$ and $b = 4$. Find the value of

i) $a + b$

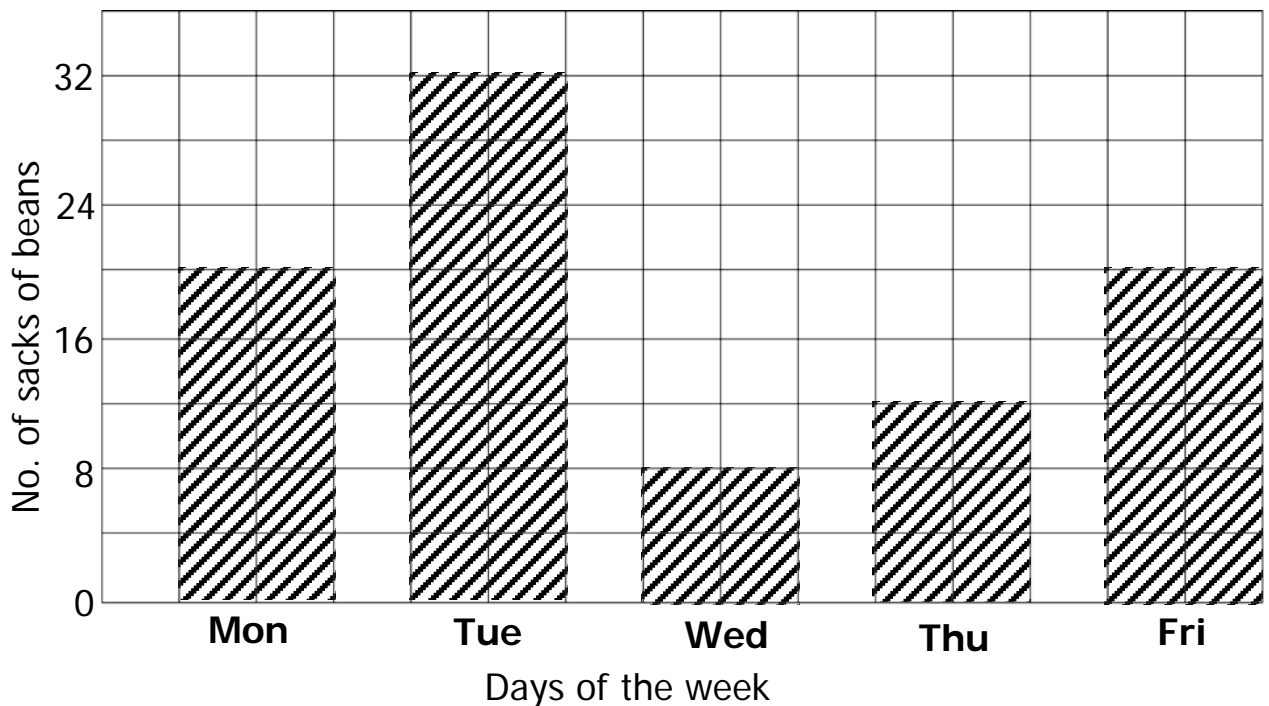
(1mk)

ii)

$2a - b$

(2mks)

32. The graph below shows the number of sacks of beans which were sold by Odomelo. Use it to answer questions that follow.



- a) How many sacks of beans were sold on Tuesday? (1mk)
- b) On which day did he sell 12 sacks of beans? (1mk)
- c) Which two days did Odomelo sell the same quantity of beans? (1mk)
- d) How many sacks of beans did he sell altogether? (2mks)

END

THE PRAISE END OF TERM III EXAMINATION 2022

Class: **Primary Six**
Subject: **MATHEMATICS**
Duration: **2hours 30minutes**

Name: _____

School: _____

District: _____

Read the following instructions carefully:

1. This paper has two sections **A** and **B**. Section **A** has **20 questions** and section **B** has **12 questions**. This paper has **8 pages** printed altogether.
2. Answer **all** questions. All the working for both sections **A** and **B** must be shown in the spaces provided.
3. **All** working must be done using a **blue** or **black** ball point pen or ink. Any work done in pencil other than graphs and diagrams will **NOT** be marked.
4. **No calculators** are allowed in the examination room.
5. Unnecessary **changes** in your work and handwriting that cannot be easily read may lead to loss of marks.
6. Do not fill anything in the table indicated: "**For examiners' use only**" and the boxes inside the question paper

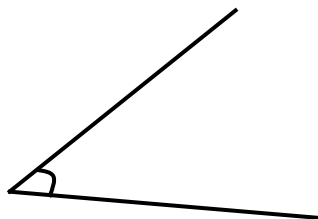
FOR EXAMINERS' USE ONLY

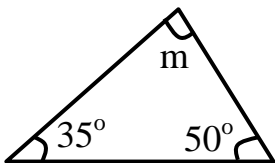
PAGE	MARKS	INITIAL
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
Total		

Turn Over

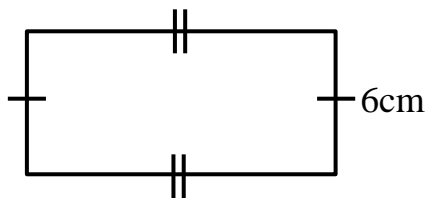


SECTION A : 40 MARKS
Answer all questions in this section

1.	Work out: $18 \div 3$	2.	Express 96 in Roman numerals										
3.	Given that $K = \{a,b,c,d\}$. Find the number of subsets in set K	4.	Using a protractor, measure the marked angle below. 										
5.	Work out: <table><tr><td>Weeks</td><td>Days</td></tr><tr><td>6</td><td>4</td></tr><tr><td>-2</td><td>5</td></tr><tr><td colspan="2"><hr/></td></tr><tr><td colspan="2"><hr/></td></tr></table>	Weeks	Days	6	4	-2	5	<hr/>		<hr/>		6.	Find the next number in the sequence: 1, 4, 9, 16, _____
Weeks	Days												
6	4												
-2	5												
<hr/>													
<hr/>													
7.	Solve: $2p + 1 = 9$	8.	Prosy planted 48962 trees in February and 21037 trees in March. How many trees did she plant altogether?										
9	The mean mass of 5 boys is 22kg. Find their total mass.												

10.	Change 6 kilograms into grams	11.	Simplify: $^{-}3 - ^{-}5$
12.	Find the square root of 36.	13.	Convert 20 US dollars (\$) into Uganda shillings (Ug.sh). Given that \$1 = Ug.sh. 3550
14.	Simplify: $\frac{3}{4} + \frac{1}{3}$	15.	Solve for m 
16.	Given that $m = 6$ and $n = 2$. Find the value of $8m - 7n$	17.	Given that 8 pens cost sh. 4800. Find the cost of one pen.
18.	How many 600ml bottles full of water fill a 3 litre container?	19.	What is 20% of sh. 24000?

20. The perimeter of the rectangle below is 26cm. Find its length.



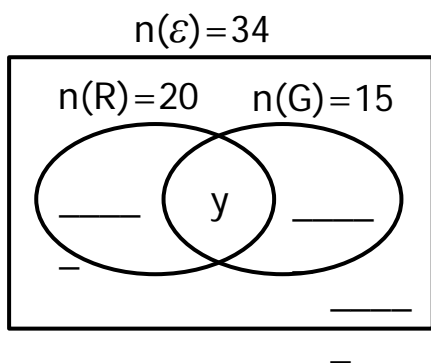
SECTION B : 60 MARKS

Answer all questions in this section

Marks for each question are indicated in brackets

21. Out of the 34 teachers who attended the meeting, 20 had red pens (R), 15 had green pens (G), y had both red and green pens while 3 teachers had neither of the two types.

- a) Complete the Venn diagram below using the given information. (3mrks)



- b) Solve for y (2mrks)

22. a) Using a ruler, a pencil and a pair of compasses only, construct a rectangle ABCD such that $AB = 7\text{cm}$ and $BC = 5\text{cm}$. (4mrks)

- b) Measure the length of diagonal AC in cm (1mrk)

23.	a) Simplify: $\frac{0.6 \times 0.04}{0.03}$ (3mrks)	b)	Express $\frac{3}{4}$ as a decimal fraction. (2mrks)
24.	<p>Given the numeral: 23847</p> <p>a) Write the given numeral in words (1mrk)</p>		
	b) Round off the given numeral to the nearest thousands. (2mrks)	c)	Work out the sum of the value of 2 and the value of 8 in the given numeral. (3mrks)
25.	<p>The sum of three consecutive even numbers is 48. Find the actual numbers (4mrks)</p>		

26.	Gadimba went shopping with sh. 30000 and bought the following items.
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2kg of beans at sh. 4000 per kg

 $1\frac{3}{4}$ litres of cooking oil at sh. 8000 per litre

A bar of soap at sh. 7500

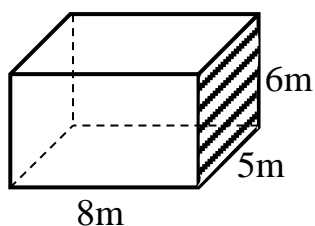
a) Find his total expenditure

(3mrks)

b) How much money did he remain with?

(2mrks)

27. The figure below show a prism. Use it to answer questions that follow.



a) Name the prism.

(1mrk)

b) Calculate the area of the shaded part. (2mrks)

c)

Find the volume of the prism above.

28	a) A meeting started at 8:35a.m and took 2hours 15minutes. At what time did it end? (2mrks)
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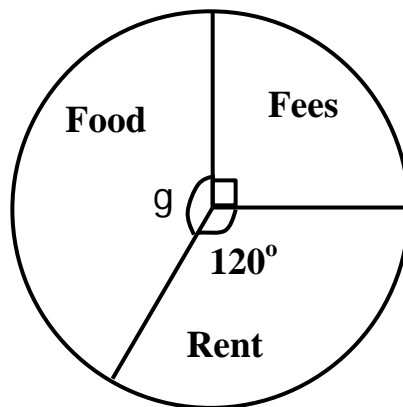
b)

Change 63days into weeks. (2mrks)

29.	<p>In a school of 450 pupils, $\frac{2}{9}$ of them are boys and the rest are girls.</p> <p>a) Find the fraction of girls. (2mrks)</p>		
	b) Calculate the number of girls. (2mrks)	c)	<p>If each boy paid sh. 25000 for a sportswear, how much money was collected altogether? (2mrks)</p>
30.	<p>Samaidu is 4 years older than Benjamin. Their total age is 56years.</p> <p>a) How old is each? (3mrks)</p>		
	<p>b) After how many years will Benjamin be 51 years old? (2mrk)</p>		
31.	<p>Study the figure below and use it to answer questions that follow.</p> <div data-bbox="247 1742 574 2060"> </div> <p>a) Find length AB in centimetres. (2mrks)</p>		

b) Calculate the circumference of the figure above. (Take $\pi = \frac{22}{7}$) (2mrks)

32. The pie chart below shows how a woman spends her monthly income of sh. 360000. Use it to answer questions that follow.



a) Solve for g (2mrks)

b) How much money does she spend on fees? (2mrks)

c) How much more does she spend on food than on rent? (2mrks)

END