

# END OF TERM TWO MATHEMATICS EXAMINATION FOR PRIMARY SEVEN - 2019

**DURATION: 2 ½ HOURS**

**NAME:**.....

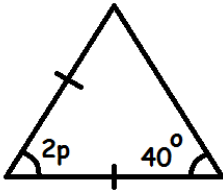
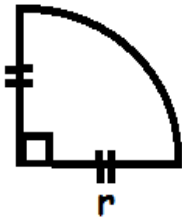
**SCHOOL:**.....

**CLASS:**.....**STREAM:**.....

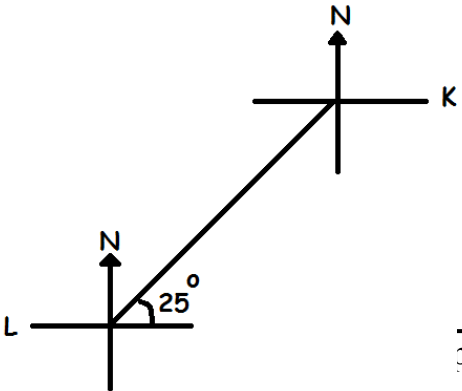
<b>SECTION A</b>			
1.	Workout: $5 \times 3 \times 7$	2.	Write “Twenty four” in Roman numerals
3.	Given that: $P = \{b, e, a, f, g\}$ and $Q = \{d, e, a, f\}$ . Find $n(P \cap Q)$	4.	Simplify: $\frac{5}{8} \div 1\frac{3}{5}$
5.	Find the sum of the next numbers in the sequence below;  14, 16, 18, 19, 20, _____, _____	6.	Without using a protractor, construct an angle of $145^\circ$ in the space below.

-2-

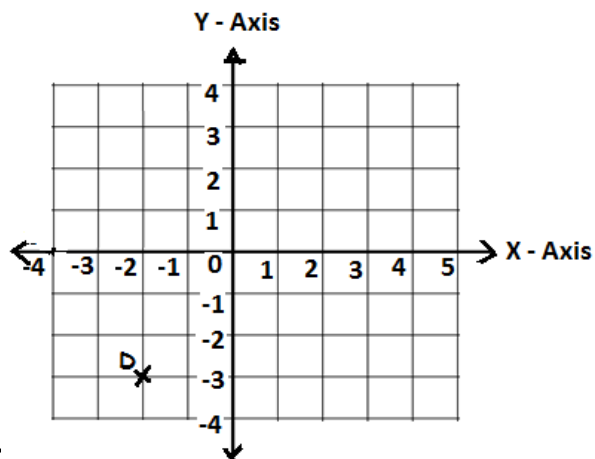
7.	Simplify: $4y - 6m - 2y - m$	8.	Tom bought a dozen of pens at sh.60,000 and later sold each pen at sh.4,000. How much profit did he get?
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9.	Express $9\text{m}^2$ to $\text{cm}^2$	10.	Find the value of p. 
11.	The average mark of 3 pupils is 75%. If two of them scored 90% and 70%, find the score of the third pupil.	12.	12 men take 8 days to do a piece of work. How many men working at the same rate can do the same work in 12 days?
13.	Workout the range of the following integers: 4, 6, +2, -2, 0, -8	14.	The perimeter of the shape below is 30m. find its radius. 

-3-

15.	An examination which took $2\frac{1}{4}$ hours ended at 1:30p.m. At what time did it start?	16.	Find the direction of K from L in the diagram below. 
17.	Convert 105 hectares into square metres.	18.	per

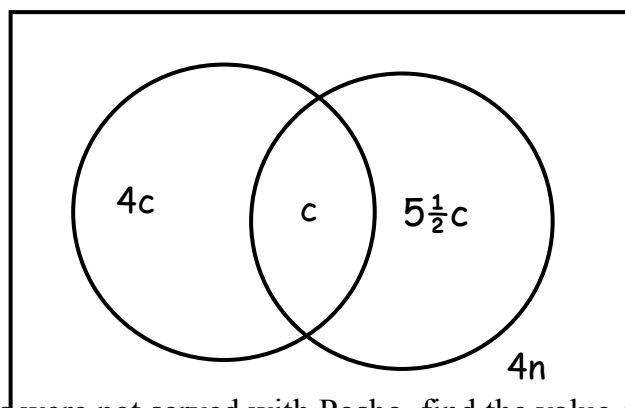
19.	After covering $\frac{1}{3}$ of the journey, Jane was still remaining with 40km to cover. How long was the whole journey?	20.	In the graph below, find the co-ordinates of point D.



-4-

### SECTION B

21. Study the Venn diagram below and answer the questions that follow.



(a) If 48 parents were not served with Posho, find the value of  $c$ .

(b) How many parents attended the general meeting?

22.

At a Forex bureau, the rates at which the bank buys and sells United States dollars and Kenya shillings are given below in the table.

Currency	Buying	Selling
1 US dollar	Ug. Sh.3650	Ug. Sh.3770
South Africa Rand.1	Ug.Sh.340	Ug. Sh.380

a) If Ivan has 20 Rands, how much money in Uganda shillings can he get from the forex?

b) Adman bought a flask at 26 US dollars. How much in South African Rands will the same flask cost?

-5-

23.	<p>Achen bought the following items from the market.</p> <ul style="list-style-type: none"> <li>- 5 bars of soap at sh.3600 per bar.</li> <li>- 2 kg of sugar at sh.3,000 each kilogram.</li> <li>- 5kg of flour at sh.3,000 each kilogram.</li> </ul> <p>a) What was her total expenditure?</p> <p>b) If she was given a discount of 10% as she had sh.50,000 at first, how much money did she remain with?</p>
24.	<p>a) Using a ruler, a pencil and a pair of compasses only. Construct a parallelogram ABCD such that <math>AB = 8.5\text{cm}</math>, <math>BC = 6.5\text{cm}</math> and angle <math>ABC = 120^\circ</math>.</p>

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-6-

	<p>b) Drop a perpendicular line from D to meet line AB at M</p> <p>c) Measure line DM = _____</p>
25.	<p>a) Solve: <math>2(4x - 3) - 2(6 + x) = -12</math></p> <p>b) If <math>p = 5</math>, <math>q = 3</math> and <math>k = 7</math>. Evaluate <math>\frac{pk}{q}</math></p>
26.	<p><b>A motorist traveled for 2 hours at an average speed of 120km/hr from town A to town B. He returned at an average speed of 80km/hr.</b></p> <p>a) What distance did he cover from town A to B?</p> <p>b) Find his average speed for the whole journey.</p>

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-7-

27.	<p>The interior angle of a regular polygon is <math>120^\circ</math> more than the exterior angle.</p> <p>a) Calculate its exterior angle.</p> <p>b) Find the number of its sides.</p>
28.	<p>In a village, <math>\frac{1}{3}</math> of the farmers grow Coffee, <math>\frac{1}{4}</math> of them grow Tea and <math>\frac{2}{5}</math> of the remainder grow Tobacco while 50 farmers grow Vanilla. How many farmers are in the whole village?</p>
29.	<p>Below is a sector CDE enclosed in a trapezium ABDE. <math>CD = DE = 21\text{cm}</math>, <math>AB = 31\text{cm}</math> and <math>BC = 5\text{cm}</math>.</p>

	<p>a) Find the area of the sector CDE.</p>
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b) Find the area of the shaded part.

30.

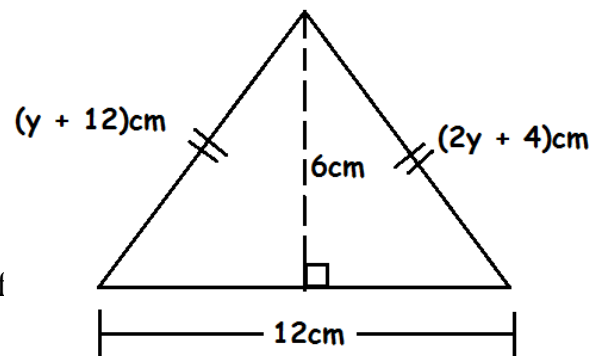
a) Simplify:  $\frac{0.43+0.02}{0.09-0.04}$

b) Workout:  $3\frac{1}{2} - \frac{2}{3}$  of  $2\frac{1}{4}$

-9-

31.

**Study the figure below and answer the given questions that follow.**



a) Find the value of

b) Calculate its area.

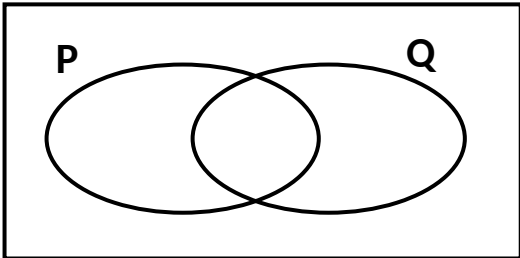




**ELITE JUNIOR SCHOOL-KAWUKU**  
**END OF TERM TWO EXAMINATION, 2019**  
**MATHEMATICS FOR PRIMARY SIX**  
**DURATION: 2 ½ HOURS**

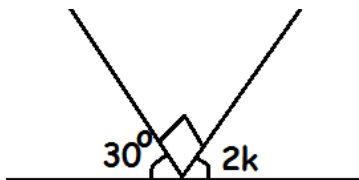
NAME:.....  
 SCHOOL.....  
 CLASS.....STREAM.....

**SECTION A**

1.	Workout: $154 + 325$	2.	Write 149 in Roman numerals
3.	Shade $(P \cup Q)^I$ on the Venn diagram below. 	4.	Solve for y: $7y + 2 = 23$ .
5.	Using a ruler, a pair of compasses and a pencil only. Construct an angle of $120^\circ$ .	6.	Find the next two numbers in the sequences.  1, 4, 9, 16, 25, _____, _____


-2-

7.	3 books cost sh.5000. How much money will peter pay for 6 similar books?	8.	Increase 1,200 bags of cement by 30%.
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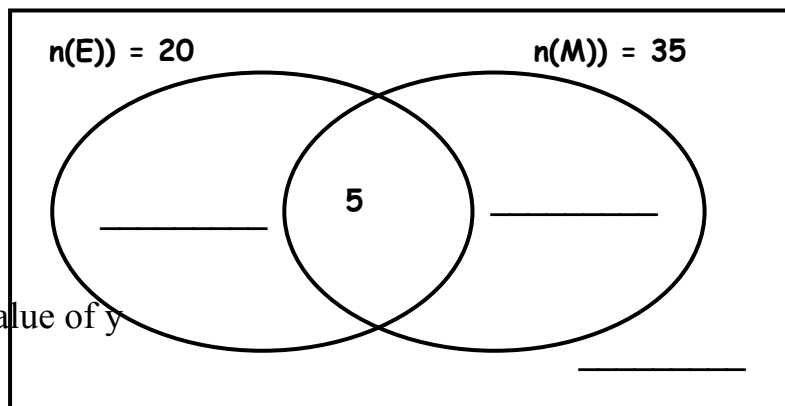
9.	Workout: $(3 \times 150) - (50 \times 3)$ Using distributive property only.	10.	How many milliliters are in $2\frac{1}{2}$ litres?
11.	The average age of 4 men is 45 years. Find the total age.	12.	Today is Thursday, what day of week will it be after 31 days.
13.	Workout: $537 \times 14$ using lattice method	14.	Find the value of k 

-3-

15.	Find the HCF of 12 and 18	16.	Express 72km/hr as metres per second.
17.	Convert $1101_{\text{two}}$ to a decimal base.	18.	Round off 35.98 to the nearest tenths.

19.	Simplify: $4k - y + 2k - 2y$	20.	Given that  represents 5 flowers. Draw _____ ures to represent 20 flowers.

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<b>SECTION B</b>			
21.	<p><b>In a class of 58 pupils, 20 pupils like English (E), 35 pupils like Maths (M), 5 pupils like both subjects and 2y pupils like none.</b></p> <p>a) Complete the Venn diagram below. (5 marks)</p> <div data-bbox="440 1128 1228 1532" data-label="Diagram">  </div> <p>b) Find the value of y</p>		
22.	<p>a) The sum of three consecutive natural numbers is 36. Find the numbers (5 marks)</p>		

	b) Workout their range.
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-5-

23.	<b>In a village of 600 farmers, 40% grow beans and the rest grow maize.</b> <b>(6 marks)</b>																										
	a) Find the percentage of farmers who grow maize.																										
	b) How many farmers grow beans?																										
	c) How many more farmers grow maize than beans?																										
24.	<b>Study and complete the shopping bill table below.</b>																										
	<table border="1"> <thead> <tr> <th>Item</th><th>Quantity</th><th>Unit cost</th><th>Amount</th></tr> </thead> <tbody> <tr> <td>Sugar</td><td>_____ kg</td><td>Sh.4,000</td><td>Sh.12,000</td></tr> <tr> <td>Rice</td><td>1½ kg</td><td>Sh.6,000</td><td>Sh. _____</td></tr> <tr> <td>Soap</td><td>2 bars</td><td>Sh. _____</td><td>Sh.7,000</td></tr> <tr> <td>Salt</td><td>500</td><td>Sh.2,000</td><td>Sh. _____</td></tr> <tr> <td colspan="3">Total expenditure</td><td>Sh. _____</td></tr> </tbody> </table>	Item	Quantity	Unit cost	Amount	Sugar	_____ kg	Sh.4,000	Sh.12,000	Rice	1½ kg	Sh.6,000	Sh. _____	Soap	2 bars	Sh. _____	Sh.7,000	Salt	500	Sh.2,000	Sh. _____	Total expenditure			Sh. _____		
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Salt	500	Sh.2,000	Sh. _____																								
Total expenditure			Sh. _____																								

-6-



b) Find the median mark

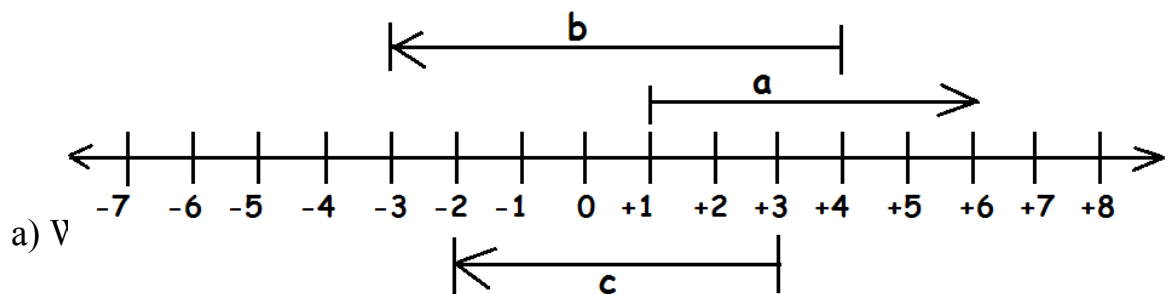
c) Find the average mark.

28. Simplify:  $\frac{0.24 \times 0.4}{0.6 \times 0.2}$

b) What number has been expanded to give  
 $(5 \times 10^2) + (9 \times 10^0) + (3 \times 10^{-2})$

-8-

29. Study the number line below and use it to answer questions



a) V

a = \_\_\_\_\_

b = \_\_\_\_\_

c = \_\_\_\_\_

b) Find the additive inverse of -5.

30.	<p><b>At St. Immaculate P/S, two bells are rang at intervals of 30 minutes and 40 minutes to change lessons respectively.</b></p> <p>a) After how many minutes will the two bells take to ring together?</p>

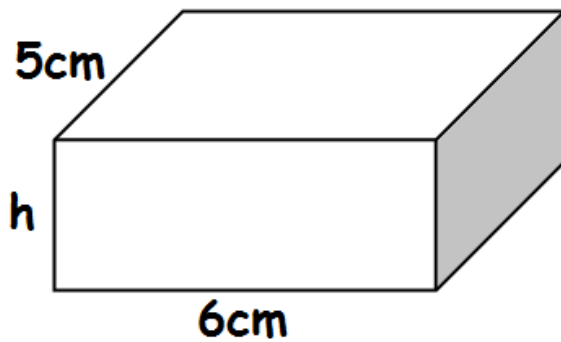
-9-

	<p>b) If the first rang together at 8:30a.m, at what time willt hey ring together again?</p>
31.	<p><b>Mr. Musoke deposited sh.60,000 in a bank at a simple interest of 12% per annum.</b></p> <p>a) Calculate the simple interest he got after a period of 2 years.</p> <p>b) How much money did he get after 2 years?</p>

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32. The diagram below shows a prism



a) Find the

b) Find the area of the shaded region.

END

ELITE JUNIOR SCHOOL-KAWUKU



# END OF TERM TWO EXAMINATION, 2019

## MATHEMATICS FOR PRIMARY FIVE

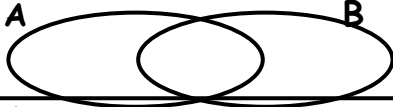

**DURATION: 2 ½ HOURS**

NAME:.....

SCHOOL:.....

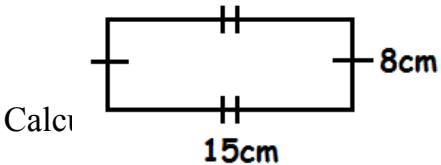
CLASS:.....STREAM:.....

### SECTION A




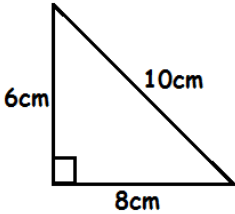
1.	Workout: $24 \times 2$	2.	Shade set A on the Venn diagram below. 
3.	Write 4,021 in words.	4.	Change 3kg to grammes
5.	Convert $4\frac{3}{7}$ to an improper fraction.	6.	Using a pencil and a ruler, draw a cylinder in the space below.
7.	Show a quarter to seven o'clock on the clock face below. 	8.	A girl was facing North and turned anti-clockwise to face South West. What angle did she make.

-2-

9.	Find the LCM of 8 and 12	10.	The cost of 5 books is sh.2,500. Find the cost of 4 similar books.
11.	Find the size of the angle marked P.	12.	Workout:

			<div>Weeks</div> <div>3</div> <div>+ 1</div> <div>Days</div> <div>4</div> <div>5</div>
13.	Express 49 as Roman numerals.	14.	Workout: $\frac{3}{4} - \frac{1}{3}$
15.	Round off 643 to the nearest hundreds.	16.	<p>A dog moved around the building below.</p> <div>  </div>

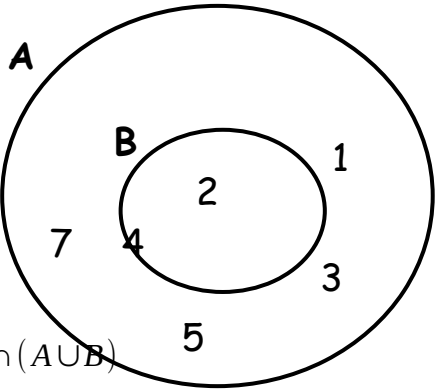
-3-

17.	<p>Name the set symbol below.</p> 	18.	<p>If  represents 6 balls, how many balls are represented by </p>
19.	Jane bought 18 fruits for her birthday party. Draw tallies showing the number of fruits he bought.	20.	<p>Calculate the area of the figure below.</p> 

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### SECTION B

21. Use the Venn diagram below to answer questions that follow.



- a) List all elements of;  
i) Set A  
ii) Set B

- b) Find  $n(A \cup B)$   
c) How many elements are in  $A \cap B$

-4-

22. Opio was given a task to form three digit numbers using the cards below.

8

3

9

- a) Write all the 3 digit numbers he formed.  
b) Workout the difference between the largest and the smallest numbers formed.

23. Workout the following:

a) 
$$\begin{array}{r} 324_{\text{five}} \\ - 43_{\text{five}} \\ \hline \end{array}$$

b)  $8 - 4 + 6$

c) Write  $421_{\text{five}}$  in words.

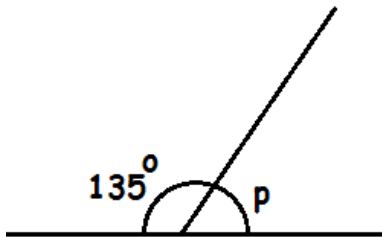


did she take back home?

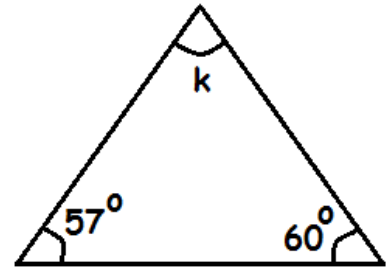
-6-

27. Find the unknown angles.

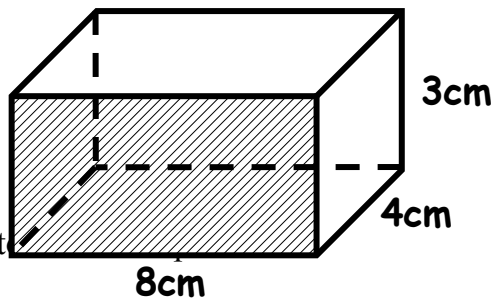
a)



b)



28. Study the figure below and answer questions that follow.



a) What name is given to

b) Find the distance around the shaded face.

c) Work out its volume.














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29.	<b>Workout :</b> <table border="1" data-bbox="228 147 1495 387"> <tr> <td data-bbox="228 147 858 387">           a)    Weeks      Days                   5            30                 - 2           50  <hr/> <hr/> </td><td data-bbox="858 147 1495 387">           a)    Weeks      Days                   5            2                 + 2           5  <hr/> <hr/> </td></tr> </table>	a)    Weeks      Days 5            30 - 2           50 <hr/> <hr/>	a)    Weeks      Days 5            2 + 2           5 <hr/> <hr/>
a)    Weeks      Days 5            30 - 2           50 <hr/> <hr/>	a)    Weeks      Days 5            2 + 2           5 <hr/> <hr/>		
30.	<p><b>In a school, there are 1024 pupils and 553 are girls.</b></p> <p>a) How many boys are in the school?</p>     <p>b) How many more boys than girls are in the school?</p>		
31.	<p><b>The Venn diagram below shows the prime factors of two numbers. Use it to answer questions on it.</b></p> <div data-bbox="512 931 1155 1317" data-label="Diagram"> </div> <p>a) Find the value of m.</p>		

	b) Find the value of q.	c) Workout the GCF of m and 30
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32.

The pictograph below shows the number of balls received by P.5 class from the games in a week. Study it to answer questions that follow.

Days	Number of balls received
Monday	   
Tuesday	  
Wednesday	 
Thursday	
Friday	  

Key  represents 15 balls.

a) How many more balls were received on Monday than Friday?

b) On which two days did the class receive the same number of balls?

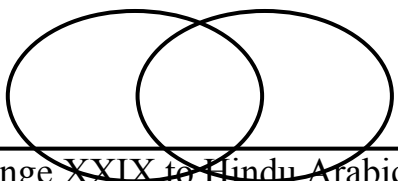



c) How many balls were given to the class on Tuesday?

**END**


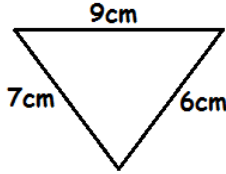
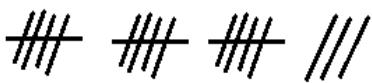
**ELITE JUNIOR SCHOOL-KAWUKU**  
**END OF TERM TWO EXAMINATION, 2019**  
**MATHEMATICS FOR PRIMARY FOUR**  
**DURATION: 2 ½ HOURS**

NAME:.....  
 SCHOOL.....  
 CLASS.....DATE.....

**SECTION A**

1.	Work out: $4 + 3 =$	2.	In the Venn diagram below, shade $A \cup B$  <div style="text-align: center;"> <p><b>A</b> <span style="margin-left: 100px;"><b>B</b></span></p>  </div>
3.	Write the place value of 3 in 4367.	4.	Change XXIX to Hindu Arabic numerals.
5.	Workout: $\frac{2}{9} + \frac{5}{9}$	6.	Given that  stands for 6 trees. How many  are these  ?

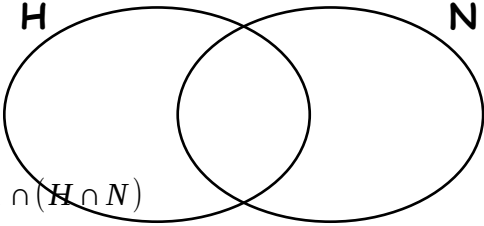


7.	Complete the sequence below. 0, 5, 10, 15, 20, _____	8.	If 1 week = 7 days. How many weeks are in 28 days?
9.	Tell the time shown on the clock face below. 	10.	Round off 378 to the nearest hundreds.
11.	Solve : $\quad + 2 = 9$	12.	Find the perimeter of the figure below. 
13.	Draw a cube in the space below.	14.	Write 362 in words
15.	Find the lowest common multiples of 4 and 6.	16.	How many items are represented by the tally marks?  = _____

17.	Moses had $\frac{11}{15}$ of a sugarcane. He gave $\frac{6}{15}$ to his friend. What fraction of sugarcane did he remain with?	18.	Nakaye had 2000 shillings and bought a pair of socks at sh.1500 shillings. How much was her change.
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19.	Show 4301 on the abacus. <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">TH   —</div> <div style="text-align: center;">H   —</div> <div style="text-align: center;">T   —</div> <div style="text-align: center;">O   —</div> </div>	20.	Draw a line segment AB of 5cm.

### SECTION B

21.	<p><b>Given that: Set H = {p,e,n,c,i,l} and N = {all vowel letters}</b></p> <p>a) List all members of Set N.</p> <p>b) Represent the above sets on the Venn diagram below.</p> <div style="text-align: center;">  </div> <p>c) Find <math>n(H \cap N)</math></p>
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-4-

22.	<p><b>The cards below were picked to form numerals 7, 4, 8.</b></p> <p>a) Form the smallest 3 digit numeral from the cards.</p> <p>b) Form the largest 3 digit numeral from the cards.</p> <p>c) Find the sum of the smallest and the largest numeral formed.</p>
23.	<p><b>Mubiru went to the market and bought the following items</b></p> <p><b>- 1 litre of cooking oil at sh.500</b></p>

- 1 loaf of bread at sh.800
- 1 kg of sugar at sh.700
- 1 packet of biscuits at sh.400

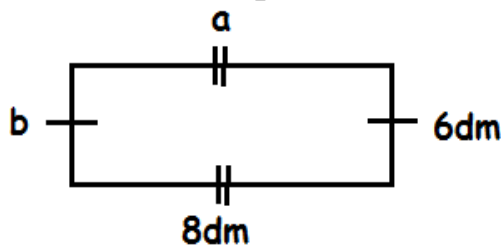
a) How many items did he buy?

b) What was the cost of the 1kg of sugar?

c) Find the total cost of all items.

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24. Use the rectangle below to answer questions that follow.



a) Find the value of

i)  $a =$  \_\_\_\_\_

ii)  $b =$  \_\_\_\_\_

b) Work out the area of the rectangle above.

c) Find the perimeter of the rectangle above.

25. Use  $<$ ,  $>$ ,  $\neq$  to complete the statement

a)  $5 \times 2$  \_\_\_\_\_  $2 + 5$

b) 10 \_\_\_\_\_ X

c) 100cm \_\_\_\_\_ 2m

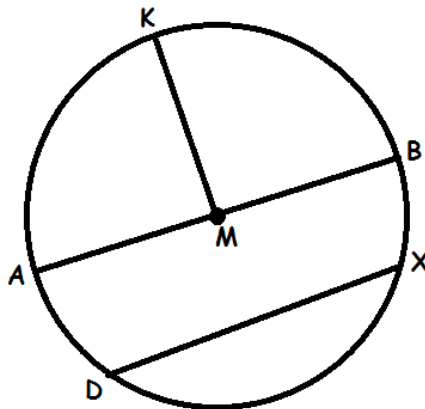
d)  $\frac{1}{2}$  \_\_\_\_\_  $\frac{1}{3}$

-6-

26 a) Using a ruler, a pencil and a pair of compasses. Construct an equilateral triangle of side length 5cm.

b) Find its perimeter.

27. Given that point M is the centre of the circle.



a) Name line

i) AB = \_\_\_\_\_








































iii) DX = \_\_\_\_\_

b) Calculate the diameter of the circle of radius 3cm.



31.	<p>a) List all the multiples of 4 less than 20.</p> <p>b) Find the sum of the first four odd numbers.</p>

-8-

32.	<p>The graph below shows the number of books given to five best in different games. Study it carefully and answer the questions.</p> <table border="1"> <tr> <td><b>Penina</b></td><td>  </td></tr> <tr> <td><b>Alvin</b></td><td>   </td></tr> <tr> <td><b>Vicky</b></td><td></td></tr> <tr> <td><b>Cyrus</b></td><td> </td></tr> <tr> <td><b>Joan</b></td><td>  </td></tr> </table>	<b>Penina</b>	  	<b>Alvin</b>	   	<b>Vicky</b>		<b>Cyrus</b>	 	<b>Joan</b>	  
<b>Penina</b>	  										
<b>Alvin</b>	   										
<b>Vicky</b>											
<b>Cyrus</b>	 										
<b>Joan</b>	  										



represents **2** books

a) Name the above graph.

\_\_\_\_\_

b) Who got the highest number of books?

\_\_\_\_\_

c) Who got the same number of books?

\_\_\_\_\_

d) How many more books does Joan have than Vicky?

**END**