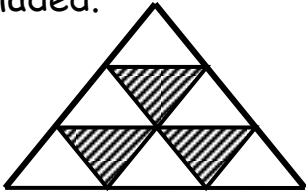


**SECTION A (20 QUESTIONS - 40 MARKS)**

1. Add :  $24 + 3$

2. Write the single number that has been expanded to get  $5000 + 800 + 7$ ?

3. Write the fraction that is unshaded.



4.  $K = \{\text{The first five letters of the English alphabet}\}$ . List the members of set K.

5. A mathematical set costs Shs.3000. How much will nine similar mathematical sets cost?

6. Write the missing numbers in the sequence.  
 $5, 6, 8, 11, 15, 20, \underline{\hspace{1cm}}, \underline{\hspace{1cm}}.$

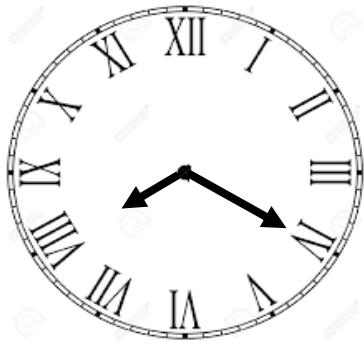
7. Take away 
$$\begin{array}{r} 6\ 3\ 2\ 4 \\ - 2\ 1\ 1\ 5 \\ \hline \end{array}$$

8. Mugabe packed 25 phones in a box. How many phone were packed in 3 similar boxes?

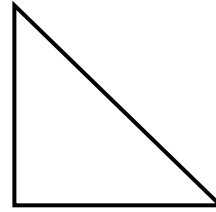
9. Circle the even numbers.  
 $1, 2, 5, 4, 3, 7$

10. Sserugo had 346 cows on the farm. He bought 758 more cows. How many cows does he have on his farm now?

11. Write the time shown on the clock face.



12. Name the shape below.



13. Set  $M = \{\triangle, \square, \bigcirc, \text{bag}\}$

Set  $G = \{\bigcirc, \text{bag}\}$

Write the common members of set  $M$  and set  $G$ .

14. Kamau spent 42 days in Kenya. How many weeks did he spend in Kenya?

15. Subtract:  $\frac{17}{49} - \frac{8}{49}$

16. Write the missing number in the box.

$$312 - \boxed{\phantom{000}} = 301$$

17. Complete the pattern.

$$1 + 2 = 3$$

$$1 + 2 + 3 = 6$$

$$1 + 2 + 3 + 4 + 10$$

$$1 + 2 + 3 + 4 + 5 = \underline{\hspace{2cm}}$$

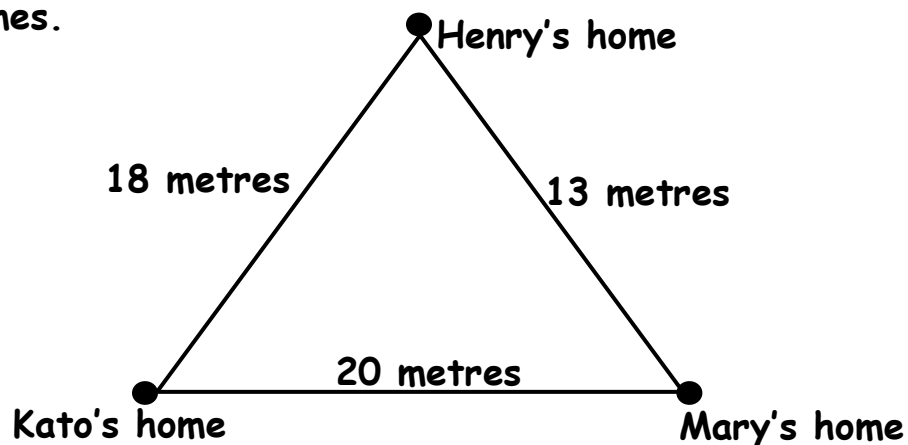
18. Gloria had 105 pencils. She shared them among five children. How many pencils did each child get?

19. Kasirye eats 24 apples per day. Write the number of apples in Roman numerals.	20. Maria is a great farmer in Mawokota. She had 216 goats but lost 19 goats to thieves. How many goats did she remain with?
--	--

### SECTION B (12 QUESTIONS - 60 MARKS)

21. a) Write equivalent or equal sets. (i) $G = \{ 18 , 19 , 20 , 26 \}$ $H = \{ 26 , 18 , 20 , 19 \}$ Set $G$ and $H$ are _____ sets.	(2 marks)
(ii) $R = \{ 1 , 2 , 3 , 4 , 5 \}$ $P = \{ a , b , c , d , e \}$ $P$ and $R$ are _____ sets.	(2 marks)
(b) Set $N = \{ \text{Boys who have seven eyes each} \}$ Set $N = ?$	(2 marks)

22. The figure below shows the road between the three homes.



(a) Find the distance Henry will cover if he goes to Mary's home and continues to Kato's home.

(2 marks)

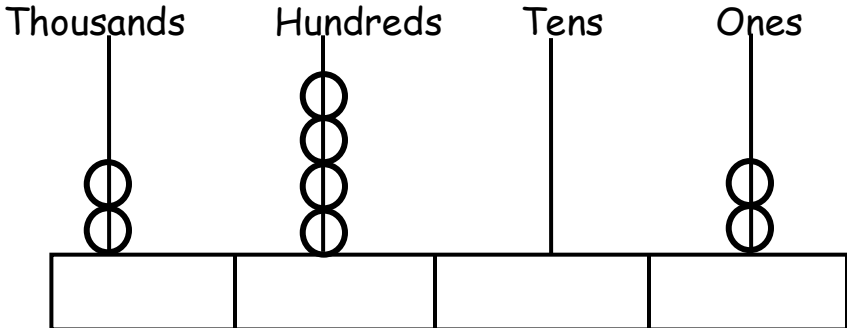
(b) If Henry's cow walks around the three homes. Calculate in metres the distance covered by the cow.


























(2 marks)

23. Take away;

$$\begin{array}{r} 363 \text{ litres} \\ - 139 \text{ litres} \\ \hline \quad \text{litres} \end{array}$$

(2 marks)

<p>(b) <math>\begin{array}{r} \text{Kg} \qquad \text{g} \\ 7 \qquad 500 \\ + 1 \qquad 600 \\ \hline \end{array}</math></p>	(2 marks)
<p><b>24. Study the abacus below and answer the questions.</b></p> <p>a) Complete the abacus</p> 	(3 marks)
<p>b) Write the number on the abacus in expanded form.</p>	(2 marks)
<p>25. (a) Add; <math>\frac{92}{200} + \frac{88}{200}</math></p>	(2 marks)
<p>(b) Henry drank <math>\frac{1}{3}</math> of the water in the bottle. What fraction of water was left in the bottle?</p>	(3 marks)

<p>26. Complete by finding the missing number.</p> <p>(a) <input type="text"/> <math>\times 3 = 18</math></p>	(2 marks)								
<p>(b) <input type="text"/> <math>- 4 = 90</math></p>	(2 marks)								
<p>(c) <input type="text"/> <math>+ 8 = 100</math></p>	(2 marks)								
<p>27. The diagram below shows the number of cars that participated in car a rally. Use it to answer the questions below.</p> <table border="1" data-bbox="191 747 1052 1169"> <tr> <td>Monday</td><td> </td></tr> <tr> <td>Tuesday</td><td>  </td></tr> <tr> <td>Friday</td><td> </td></tr> <tr> <td>Saturday</td><td></td></tr> </table> <p> = 10 cars</p> <p>a) How many cars participated on Monday?</p> <p>b) Which day had more cars participating?</p> <p>c) Find the total number of cars that participated in the rally.</p>	Monday	 	Tuesday	  	Friday	 	Saturday		<p>(1 mark)</p> <p>(2 marks)</p> <p>(2 marks)</p>
Monday	 								
Tuesday	  								
Friday	 								
Saturday									



**30. Study the shopping list below.**

<b>Item</b>	<b>cost</b>
A book	Shs. 1000
An apple	Shs. 1200
A pencil	Shs. 300
A pen	Shs. 1500

a) What is the cost of two books?

**(1 mark)**

b) Find the cost of buying an apple and a pencil?

**(2 marks)**

c) What is the total cost of buying all the items?

**(2 marks)**

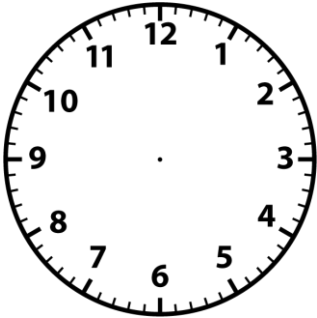
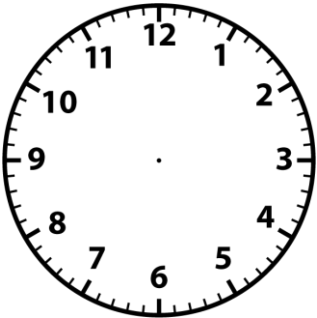
**31. The table below shows the activities Juma does every month.**

<b>Month</b>	<b>Activity</b>
January	Planting crops
February	Pays school fees Shs.200,000
April	Sells his produce.
March	harvests 60 bags of irish potatoes

(a) Which month does Juma collect bags of Irish potatoes?

**(1 mark)**



(b) How many months are shown in the table above?	(2 marks)										
(c) Which activity does Juma do in the month of April?	(2 marks)										
<p>32. a) Show the given time on the clock face.</p> <p>(i) 11 o'clock</p> 	(1 mark)										
<p>(ii) A quarter past 8.</p> 	(2 marks)										
<p>(b) Add correctly.</p> <table> <tr> <td>Hours</td> <td>minutes</td> </tr> <tr> <td>4</td> <td>20</td> </tr> <tr> <td>+ 3</td> <td>10</td> </tr> <tr> <td colspan="2"><hr/></td> </tr> <tr> <td colspan="2"><hr/></td> </tr> </table>	Hours	minutes	4	20	+ 3	10	<hr/>		<hr/>		(2 marks)
Hours	minutes										
4	20										
+ 3	10										
<hr/>											
<hr/>											