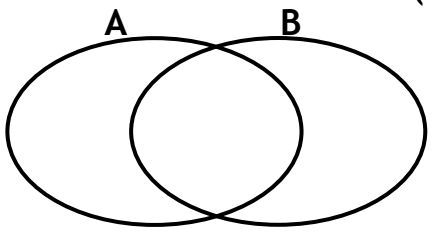
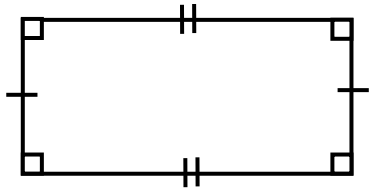
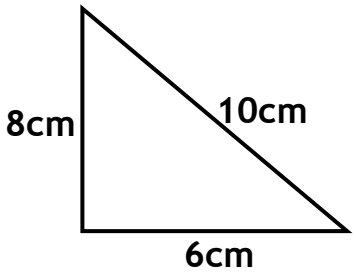
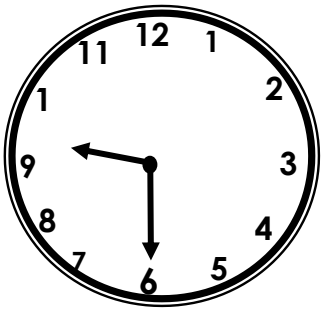
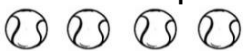
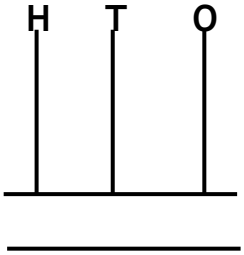
SECTION A. (40 MARKS)

1	Workout: **2 x 5** **(*02 marks*)**	2	Fill in the blank spaces. **(*02 marks*)** **74 = _____ tens _____ones**
3	Shade: **A ∩ B** in the Venn diagram below. **(*02 marks*)** 	4	Find the next number in the sequence below. **(*02 marks*)** **1, 3, 6, 10, _____**
5	Change **2¼** into an improper fraction. **(*02 marks*)**	6	What is the square of **16**? **(*02 marks*)**
7	How many pairs of equal sides has the figure? **(*02 marks*)** 	8	Find the perimeter of the figure below. **(*02 marks*)** 

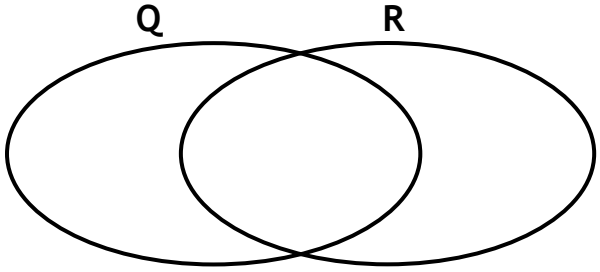
9	Tell the time. **(*02 marks*)**  	10	If represents **5** balls, how many balls are represented by:  **(*02 marks*)**
11	Shade: $\frac{3}{5}$ in the diagram below. **(*02 marks*)** 	12	Find the L.C.M of **3** and 12. **(*02 marks*)**
13	Write **19** in Roman numerals. **(*02 marks*)**	14	Show **302** on the abacus below. **(*02 marks*)** 
15	Share **Sh. 5000** equally among **5** boys. **(*02 marks*)**	16	Find the sum of the first **5** odd numbers. **(*02 marks*)**

17	The cost of a book is **Sh. 2400**. What is the cost of **2** similar books at the same rate? **(*02 marks*)**	18	If **1kg = 1000g.** How many grams are in **3kg**? **(*02 marks*)**
19	Simplify: **3girls + 7 girls**. **(*02 marks*)**	20	What number has been expanded to give? **(*02 marks*)** **(1 x1000)+(9 x100)+(3 x10)+(8 x1)**

SECTION B. (60 MARKS)

21 Given that: **Q**= { **cow, goat, sheep, cat**} **R**= { **rat, pig, cow, man, goat**}

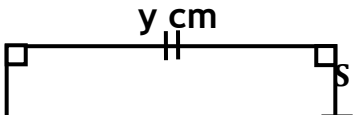
(a) Represent the above information on the Venn diagram. **(*03 marks*)**



(b) Find: **n(Q ∩ R)** **(*01 mark*)**

(c) Write down the members of set **R** only**.** **(*01 mark*)**

22 Study the rectangle below and answer the questions that follow.



(a) Find the value of **y**. **(*01 mark*)**

(b) Find the value of **X**. **(*01 mark*)**

(c) What is the perimeter of the above rectangle? **(*02 marks*)**

(b) Work out the area of the above rectangle. **(*02 marks*)**

23 **Below is a pricelist of items sold in Mr. Kabanda's shop. Study it and answer the questions that follow.**

Item	***Costs***
1 book	***Sh. 1000***
1 kg of sugar	***Sh. 3000***
1 bar of soap	***Sh. 2500***

(a) Which item is the cheapest? **(*01 mark*)**

(b) If Okia bought 2bars of soap and a kg of sugar, how much money did he pay altogether? **(*02 marks*)**

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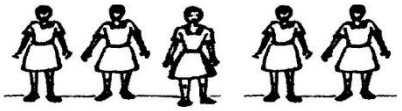
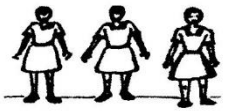
	(c) If Okia bought 3 books, how much money did he pay altogether? **(*02 marks*)** (d) If Okia went with Sh. 4000 and bought 1 bar of soap, what was his balance? **(*01 mark*)**
24	(a) Expand: **8467** using values. **(*02 marks*)** (b) What is the place value of **9** in **4967**? **(*01 mark*)** (c) Write **2015** in words. **(*01 mark*)** (d) Write: **Thirty six thousand six** in figures. **(*01 mark*)**
25	Study the pictograph below and answer the questions that follow. ***Key.*** ***Represents 10 pupils.***

Classes	*Pupils*
P.1	
P.2	
P.3	
P.4	

(a) Which class has the highest number of pupils? **(*01 mark*)**

(b) Write two classes which have the same number of pupils. **(*02 marks*)**

(c) How many more pupils are in **P.1** than **P.3**? **(*02 marks*)**

(d) How many pupils are there in all classes? **(*02 marks*)**

26 (a)Add: **(*02 marks*)**

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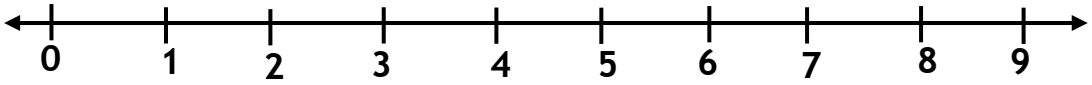
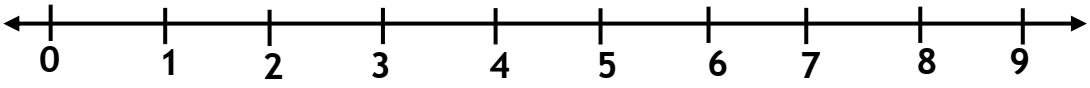
Week	**Days**
2	**4**
+ 1	**5**

(b) Subtract: **(*02 marks*)**

Hours	**Minutes**

	5 **20** **-** **3** **50** _____
27	(a) Write down the factors of **15.** ***(02 marks)*** (b) Find the **G.C.F** of **6** and **9.** ***(02 marks)*** (c) Write the first four composite numbers. ***(01 mark)***
28	**Use the number line below to workout.** (a) **3 + 5** ***(02 marks)***  (b) **8 - 6** ***(02 marks)*** 
29	(a) Find the next two equivalent fractions to ***(02 marks)*** **2** , _____, _____

5

(b) Workout: $\frac{1}{2} + \frac{1}{3}$ **(*02 marks*)**

(c) Arrange from the smallest to the biggests. **(*01 mark*)**

$\frac{3}{7}, \frac{2}{7}, \frac{6}{7}, \frac{4}{7}$

30 (a) Add: **(*02 marks*)**

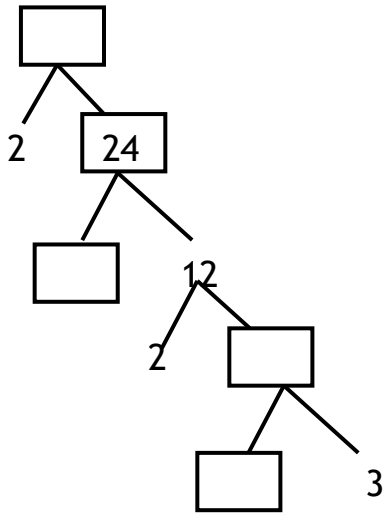
$$\begin{array}{r} 2\ 3\ 4_{five} \\ +\ 4\ 3_{five} \\ \hline \\ \hline \end{array}$$

(b) Subtract: **(*02 marks*)**

$$\begin{array}{r} 4\ 1\ 2_{five} \\ -\ 3\ 4_{five} \\ \hline \\ \hline \end{array}$$

31 **(a) Complete the table below.** **(*01 mark each*)**

Metre.	***1***	_____	***4***	_____
Centimetre	***100***	***200***	_____	***600***

P T O

	(b) Add: **M** **CM** (***02 marks***) **3** **70** **+ 1** **56**
32	**Complete the factor tree below.** (***04 marks***)