



DIVINE EDUCATION CENTRE
MID TERM 2 EXAMINATION – 2024
MATHEMATICS – P.5
Time Allowed: 2Hrs 30 MIN

Name:

Stream:

SECTION A (40 MARKS)

1- Multiply :
$$\begin{array}{r} 35 \\ \times 2 \\ \hline \end{array}$$

2- Draw a venn diagram to show that all girls(G) are female(F).



3- Simplify: $\frac{3}{4} - \frac{1}{4}$

4- Find the sum of the next two numbers in the sequence.

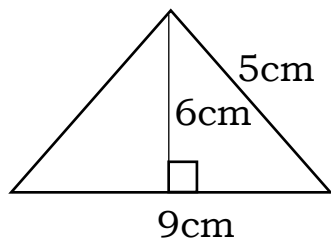
2, 3, 5, 7, _____, _____

5- Write in figures: “two hundred sixty eight.”

6- Kawala spent 3 weeks at her uncle’s home. How many days did she spend there?

7- If  represents 10 apples. How many apples are represented by 

8- Workout the area of the figure below.



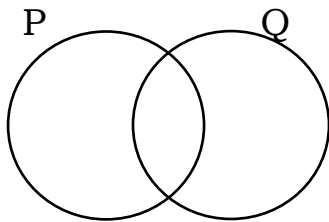
9- Multiply 36×12 using lattice method.

10- Three books cost sh. 3,600. Find the cost of 2 similar books.

11- What is $\frac{3}{4}$ of 12 mangoes?

12- A bag contains 6 blue pens and 4 red pens. Find the chance of picking a blue pen at random from the bag.

13- Shade the region (P-Q) in the diagram below.



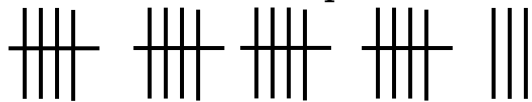
14- Musa had 49 books in his bag .Write this number of books in Roman numerals.

15- Solve for p: $2p - 3 = 11$

16- Ronald bought a pair of trousers at sh. 12,500 and sold it at sh. 15,000. What was his profit?

17- In the space provided below, draw a tetrahedron.

18- What number is represented by the tallies?



19- Round off 136 to the nearest tens.

20- Find the lowest common multiples of 4 and 6

SECTION B:60 MARKS

21- Given the number 3045.

(a) Write the above numeral in words.

(01mark)

(b) Expand the numeral using place values

(02marks)

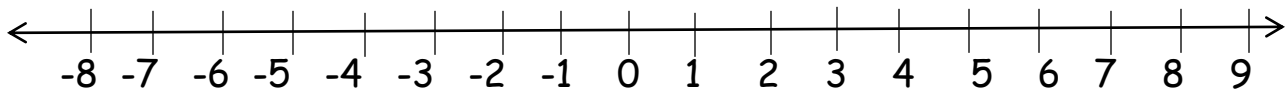
(c) Find the sum of the place value of 3 and value of 4 in the above numeral

(03marks)

22- Use a number line to work out;

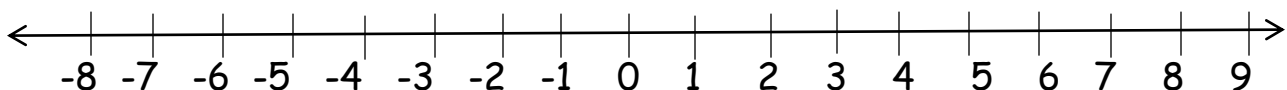
(a) $-6 + +8 =$

(02marks)



(b) $2 \times -3 =$

(02mark)



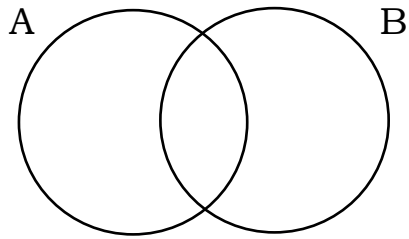
(c) What integer is four steps to the left of 3?

(01mark)

23- Given that set $A = \{1, 3, 5, 7\}$ and set $B = \{1, 2, 3, 4, 5\}$

(a) Represent the above information on a venn diagram

(03marks)



(b) Find $n(B - A)$

(02marks)

24- (a) Subtract 472 from 928.

(02marks)

(b) On a school farm, there are 272 goats. If 47 are male goats and the rest are female goats, find the number of female goats on the farm.

(02marks)

25- (a) Add: $1\ 2\ 3_{\text{five}}$
 $\quad +\ 2\ 3\ 1_{\text{five}}$

(02marks)

(b) Change 19_{ten} to base five

(02marks)

(c) Write 231_{five} in words

(01mark)

26- Given that $a = 3$, $b = a$ and $c = 4$. Find the value of the following;

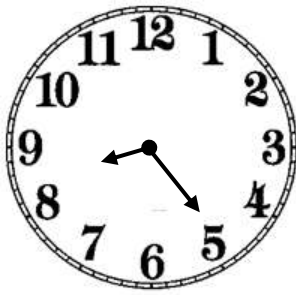
(02marks@)

(a) $a + b + c$

(b) $3b + c$

(c) $2ac$

27- (a)What is the time shown on the clock face below (01mark)



(b) Convert 2 $\frac{1}{2}$ hours to minutes. (02marks)

(c)Write “twenty-five minutes to six” in digital form (01mark)

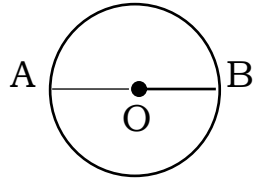
28- Study the shopping list below and answer the questions that follow.

- A pair of trouser at sh.18,000
- A shirt at sh. 5,000
- A vest at sh. 2,500

(a)How much will one pay for a trouser and two shirts? (03marks)

(b)Juma had ten thousand shillings and bought 3 vests, what was his balance? (02marks)

29- Study the diagram below carefully and answer the questions about it.



(a) What special name is given to the following lines? (1mark@)

(i) AB =

(ii) OB =

(b) If line AB is 12cm, find the length of line OB (02marks)

(c) Write “true” or “false”
Diameter is also a chord _____ (1mark)

30- A class had 36pupils. If $\frac{2}{9}$ of them were boys and the rest were girls.

(a) What fraction represents girls in the class? (01mark)











(b) How many boys were in that class? (02marks)

(c) How many more girls than boys were in that class? (02marks)

31- Using a ruler, a pencil and a pair of compasses only, construct a regular hexagon in a circle of radius 3cm (04marks)

(b) Find the perimeter of the above hexagon. (01mark)

32- Study the pictograph below and use it to answer questions that follow

Names	Number of balls.
Aisha	 
Raniah	   
Ritah	  
Aminah	

Scale:  represents 5 balls.

(a) Who has the least number of balls? (01mark)

.....

(b) How many more balls does Raniah have than Aisha? (02marks)

(c) How many balls do they have altogether? (02marks)