

THE JEROX END OF TERM II EXAMINATION 2024

Primary Six Mathematics

TIME ALLOWED: 2 HOURS 30 MINUTES

NAME _____	SIGNATURE _____
SCHOOL _____	DISTRICT _____
STREAM _____	

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO

READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. The paper is made up of two sections A and B
2. Section A has 20 questions (40 marks) and Section B has 12 questions (60 marks)
3. Answer all questions in both sections A and B
4. All answers must be written in the spaces provided in **BLUE** or **BLACK** ink.
Only diagrams should be drawn in pencil.
5. Unnecessary crossing will lead to loss of marks
6. Poor handwriting, which cannot be easily read may lead to loss of marks.

FOR EXAMINER'S USE ONLY

SECTION	SCORES	REMARKS
A		
B		
TOTAL		

Teacher's comment to the pupil

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b) Find the value of y .

(02 marks)

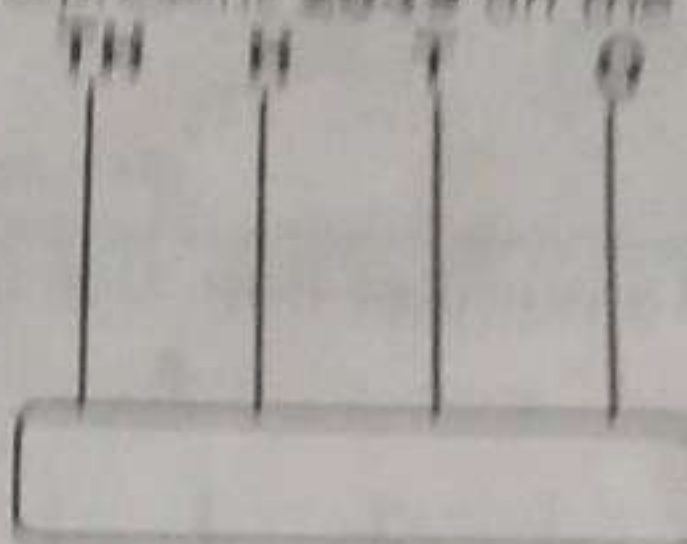
c) How many farmers grew neither millet nor beans?

(01 mark)

22 a) Write 2049 in words.

(02 marks)

b) Represent 2049 on the abacus.



(01 mark)

c) Express 2049 using exponents.

(02 marks)

23 a) Mariam and John shared 72 apples in the ratio of 4:5 respectively. Find the number of apples John got.

(02 marks)

b) A trader deposited Sh. 240,000 in a bank that offers an interest rate of 10% per year.

i) Calculate the simple interest a trader will get after 2 years

ii) Work out the amount he will get after a period of 2 years.

(02 marks)

(02 marks)



24 The sum of 3 consecutive even numbers is 36.

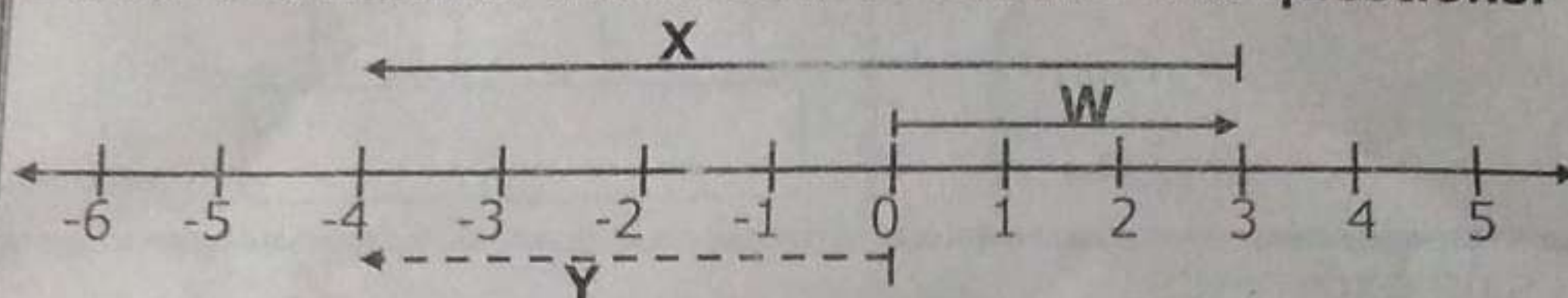
a) Find the numbers.

(03 marks)

b) Workout the product of 1st and last number.

(01 mark)

25 Below is a number line. Use it to answer the questions.



a) Give the values of the arrows.

(i) $W =$ _____

(ii) $X =$ _____

(iii) $Y =$ _____

(03 marks)

b) Form the mathematical statement for the above number line.

(02 marks)

26 Using a ruler, a pencil and a pair of compasses only, construct a rectangle $WXYZ$ where $WX = 7.5\text{cm}$ and $XY = 4.0\text{cm}$.

(04 marks)

b) Measure the diagonal line WY .

(01 mark)

SECTION A (40 Marks)

1

Work out:

$$\begin{array}{r} 5 \quad 9 \\ - 2 \quad 3 \\ \hline \\ \hline \end{array}$$

2

Write **87** in Roman numerals.

3

The area of a square garden is **36cm²**. Find the **length** of its side.

4

Write **4.06** in words.

5

Sarah went for swimming at a time shown on the clock face. **Tell the time.**



6

Solve for h. $\frac{2h}{6} = 4$

7

If set **Q** = {2, 3, 4, 5, 6} and **W** = {4, 6, 7, 2, 9, 5, 3}.
Work out $n(W \cap Q)$

8

The following were marks scored by learners in specific tests 95%, 90%, 80%, 90%, 80%, 90%, 70%, 80%, 95%, 90%, 95%.

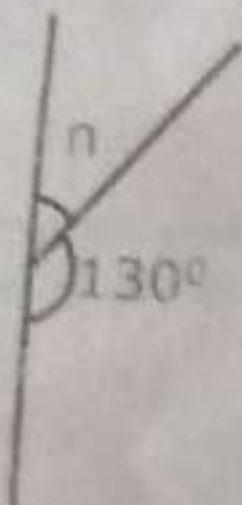
Draw tallies to complete the table.

Marks	Tallies
90%	
95%	

9 Express **23** litres to cm^3 .

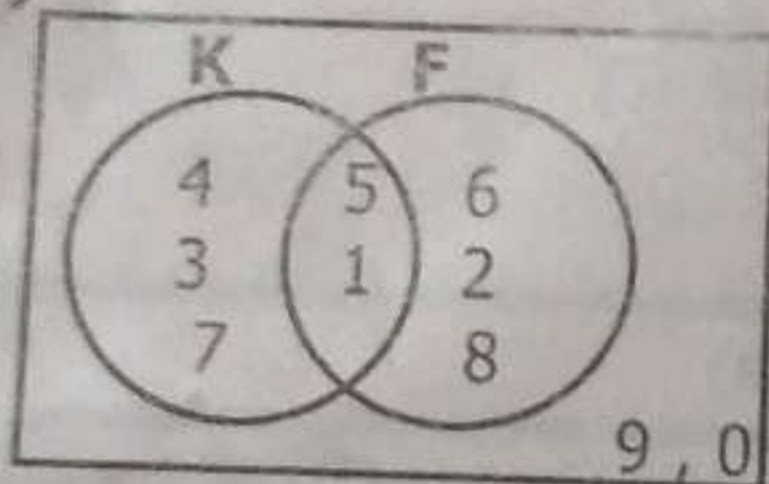
10 Ssebunya tossed a dice once.
Workout the probability that a
number less than **5** appears on top?

11 Find the value of n .



12 Increase **1200** in the ratio of **4:3**.

13 Use the venn diagram below to find
 $n(K)$



14 Simplify: $+4 + -6$

15 Sandra bought a bag at sh. 15000
and later sold it at sh 18000.
Calculate her percentage profit.

16 The police parade started at 8:40 am
and ended at 10:20 am. How long
was the parade?

- 27 Monica went to the supermarket and bought the following items.
 2 pumpkins at sh 3500 each pumpkin.
 1½kg of rice at sh 5000 per kg.
 500g of beans at sh 4800 each kg.
 10 eggs at sh 5000.

a) Find her expenditure.

(04 marks)

b) Calculate her change if she had **sh 50,000**.

(02 marks)

28 Collect the like terms.

a) $5w + 7n - 2w + 2n$

(02 marks)

b) Kato is **six** years older than Alfred. If the total age is **54** years.

i) How old is Kato?

(02 marks)

ii) How many years will alfred be in **3** years to come?

(02 marks)

29 Kalungi scored the following marks in mid term exams.

42, 65, 75, 68, 70, 72, 45, 65

) Find the **range**.

(01 mark)

17

Using aruler, a pencil and a pair of compasses only, construct an angle of 30° .

18

Amza a tourist arrived in Uganda with pound sterling (£) 700. If 1£ is equivalent to Ug sh 4200, calculate the amount of money he was given from the forex bureau.

19

Find the next number in the sequences.

1 , 3 , 6 , 10 , 15 , _____

20

Given that $r = 3$, $n = 6$, $v = 8$ and $h = 10$.

Evaluate $v^2 - 3h$

SECTION B (60 Marks)

21

In a village of 49 farmers, 20 grow millet (M), 25 grow beans (B) and y grow both millet and beans. 3y farmers grow neither of the two food crops.

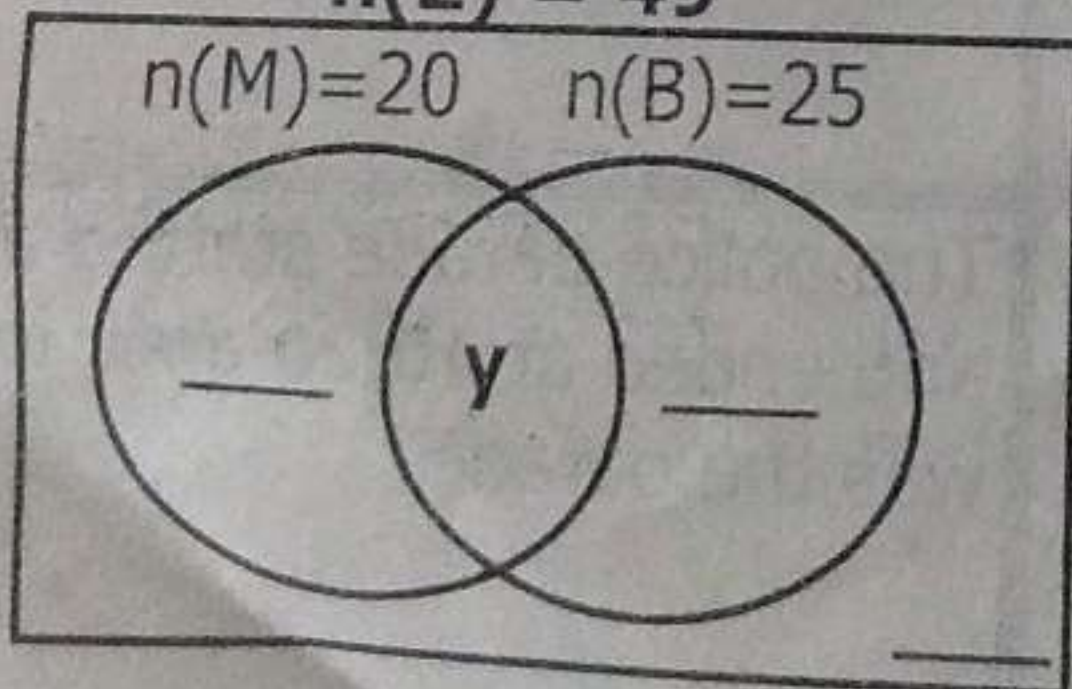
a)

Use the information to complete the Venn diagram below.

$$n(\Sigma) = 49$$

$$n(M) = 20$$

$$n(B) = 25$$



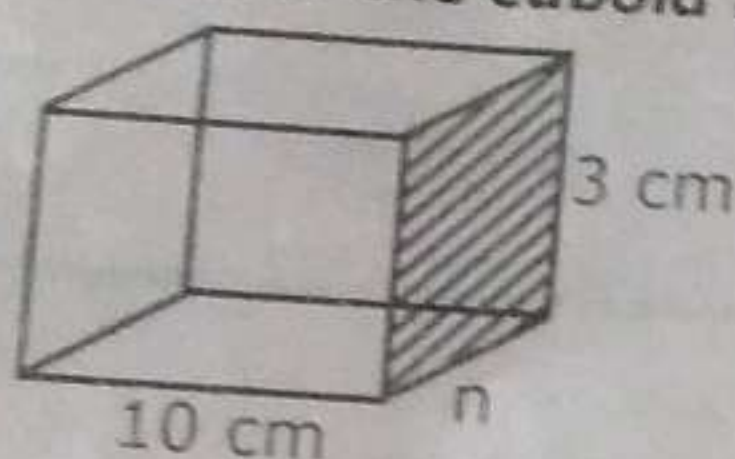
b) Work out her **median** mark.

c) Calculate her **average** mark.

(02 marks)

(02 marks)

30 The volume of the cuboid below is 150 cm^3 .



a) Find the value of n .

b) Work out the **area** of the shaded part.

(02 marks)

(02 marks)

31 Add:

Hours	min
5	30
+ 3	50
<hr/>	
<hr/>	

b) A cyclist travelled **270 km** from **7:00** am to **9:30** am. Calculate his **speed**.

(02 marks)

(02 marks)

32 Simplify: $\frac{0.49 \times 0.21}{0.7}$

b) Express $0.\overline{6}$ to a common simplified fractions.

(02 marks)

(02 marks)