

Name: Index number:

School: Block/Payam:

Subject: **Mathematics**

Directorate of Education

Juba City Council

Primary Eight Mock Examination 2026

Subject: **Mathematics**

Time: **2hrs 30mins**

INSTRUCTIONS:

1. Write your names, index number, school name and block/payam name clearly in the space provided on top of the paper.
2. Read the instructions on this paper carefully before answering any question.
3. This paper consists of six questions. All questions are compulsory.
4. You will NOT be provided with any additional paper and all workings must be done in the spaces provided.
5. Untidy handwriting and unnecessary crossing of work may lead to loss of marks.
6. Use pencil only for drawings.

For Examiners' Use Only

Question	Full Marks	Marks obtained	Marked by	Checked by
Question 1	20			
Question 2	20			
Question 3	20			
Question 4	18			
Question 5	14			
Question 6	08			
Total	100			

DO NOT WRITE IN THIS RECTANGLE

Question One (20 Marks)

1. Find the value of the underlined digits.

(i) 9027 (2 marks)

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(ii) 4571 (2 marks)

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2. Work out the following.

(i) $477 - 32 + 9 =$ (2 marks)

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(ii) $9 - 1.357 =$ (2 marks)

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3. Find the prime factors of the following.

(i) 36 (2 marks)

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(ii) 108 (2 marks)

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4. Write the following numbers in words.

(i) 56.673 (2 marks)

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(ii) 4723798 (2 marks)

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5. (i) Express 55% as a fraction in its lowest form. (2 marks)

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- (ii) Increase 60 in the ratio 3:2 (2 marks)

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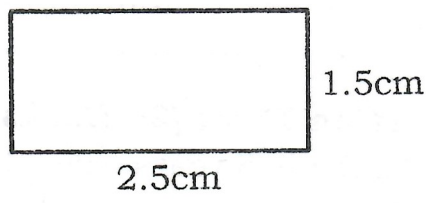
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Question Two (20 Marks)

1. Find the perimeter of the figure below. (2 marks)



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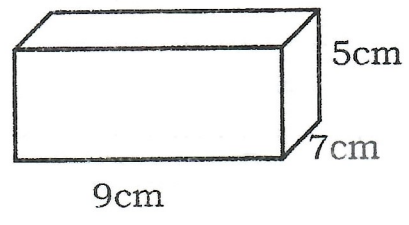
2. Find the circumference of a circle whose radius is 7cm. (take π as $\frac{22}{7}$) (2 marks)

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3. Calculate the volume of the figure below. (2 marks)



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4. Convert 500cm into Meters. (2 marks)

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5. The area of a rectangle is 24cm^2 . Find the length if the width is 3cm. (2 marks)

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6. Workout the square root of 196. (2 marks)

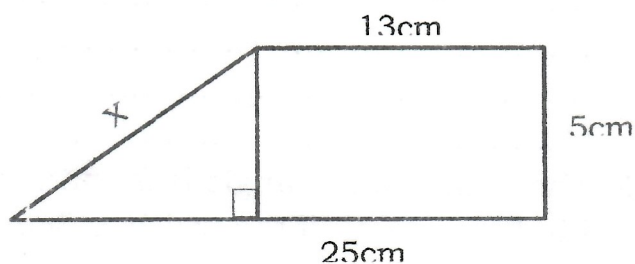
- b) The perimeter of the Trapezium.

7. Solve for x:

$$x + 2x = 15 \quad (2 \text{ marks})$$

- c) The area of the Trapezium.

8. The figure below is a Trapezium. Use it to answer questions given.



Calculate;

- a) The length **X** (2 marks)

Question Three (20 Marks)

1. Morbe is 5 years older than Comboni. If their total age is 25 years,
How old is;

- a) Morbe? (2 marks)

b) Comboni? (2 marks)

2. Given that; $p = 4$, $q = 3$ and $r = 2$.
Simplify the following.

a) $4p - 3q + r =$ (2 marks)

b) $(3p \div q) - 2r =$ (2 marks)

3. Solve the simultaneous equation
below. (5 marks)

$$x + y = 11 \text{ -----(i)}$$

$$x - y = 5 \text{ -----(ii)}$$

4. Use $>$, $<$, or $=$ to complete the
statements below. (5 marks)

a) $30 + 40 \dots\dots\dots 20 \times 4$

b) $10 - 6 \dots\dots\dots 2 \times 2$

c) $15 + 7 \dots\dots\dots 5 \times 3$

d) $5 \times 3 \dots\dots\dots 10 + 6$

e) $3 \times 3 + 3 \dots\dots\dots 12 - 0$

5. 6 men can do a piece of work in 18
days. If 3 more men are added, how
long will they take? (2
marks)

Question Four (18 Marks)

1. Bol bought a second hand bicycle for ssp. 150,000.00. He sold it making a loss of ssp. 50,000.00.

Find the;

a) Selling price. (2 marks)

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b) Percentage loss. (2 marks)

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2. Loplumoe deposited ssp. 200,000.00. in the bank which paid him simple interest at the rate of 10% p.a.

How much interest did he earn at the end of 3 years? (3 marks)

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3. Study the table below and fill in the blank spaces correctly.

s/n	Buying price (ssp)	Selling price (ssp)	Profit (ssp)
i)	54,000	69,000	
ii)		10,500	4,000
iii)	1,750		375
iv)		3,000	50
v)	701	897	

4. Study the exchange rate below and answer the given questions.

Currency	Quantity	Exchange rate (SSP)
United States dollars	1\$	6,500
Kenya shillings	1ksh	2,500

Questions:

a) How much change would Michael get for 100\$ in South Sudanese pounds? (3 marks)

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b) How much Kenya shillings will Mary buy if she has 25,000 South Sudanese pounds only? (3 marks)

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Question Five (14 Marks)

1. Given the following sets;

A = {2, 4, 6, 8, 10} and

B = {4, 8, 12, 16, 20, 24}

a) Represent the above sets on a Venn diagram. (2 marks)

b) Find $A \cap B$ (1 marks)

c) Find $A \cup B$ (1 marks)

d) Find $n(A \cup B)$ (1 marks)

2. In Gurei primary school, 5 pupils scored the following marks in a Mathematics test;
70, 45, 70, 50, 55
Find;

a) The Range (1 mark)

b) The Mode (1 mark)

c) The Median (1 mark)

d) The Mean (2 marks)

3. A cyclist covered a distance of 54,000m at a speed of 10m/s.

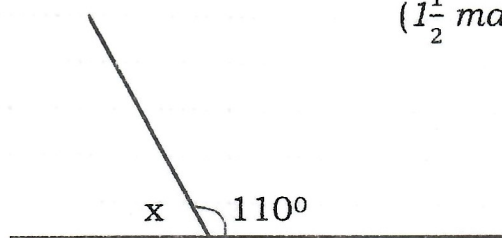
a) Calculate the time taken for the whole journey in hours. (2 marks)

- b) Express the speed in km/hr.
(2 marks)

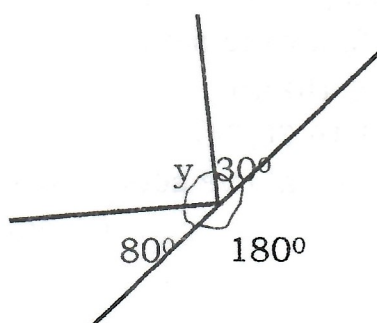
Question Six (08 Marks)

1. Calculate the unknown angles in the figures below.

- a) (1½ marks)



- b) (1½ marks)



2. Using a ruler, pair of compasses and pencil only, construct an angle of 90°.
(5 marks)

THE END