

# BROAD EXAMINATIONS®

## P.4 MATHEMATICS EXAMINATION

### END OF TERM II 2024

Page 1 Number:

Time allowed: 1 hour 30 minutes.

Answer Number:

Read the following instructions carefully:

1. This paper is made up of two sections: A and B.
2. Section A has 20 questions (40 Marks).
3. Section B has 12 questions (60 Marks).
4. Answer ALL questions in both sections A and B.
5. All answers must be written in the space provided in blue or black ball point pens and ink. Only diagrams should be done in pencil.
6. Unnecessary crossing of answers will lead to loss of marks.
7. Any handwriting, which cannot be easily read, may lead to loss of marks.
8. Do not fill anything in the boxes indicated for examiners' use only.

FOR EXAMINER'S USE ONLY		
PAGES	MARKS	SIGN
Page 2		
Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
<b>TOTAL</b>		

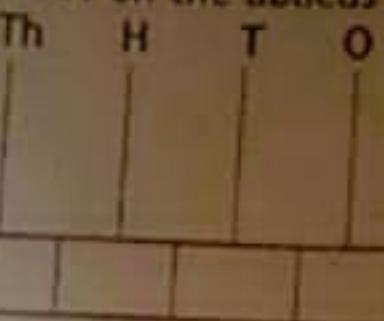
Teacher's comment to the learner

Approved by

From Head Mathematics Dept.

**SECTION A. (40 Marks)**1. Divide;  $6 \div 2$ 2. If  $M = \{b, o, y\}$  and  $N = \{\text{pen, book, ruler}\}$ .Sets  $M$  and  $N$  are \_\_\_\_\_ sets.3. Add:  $\frac{2}{9} + \frac{5}{9}$ 

4. Show 4101 on the abacus below.

5. Add; Weeks Days  
6              1  
+ 4              4  
\_\_\_\_\_

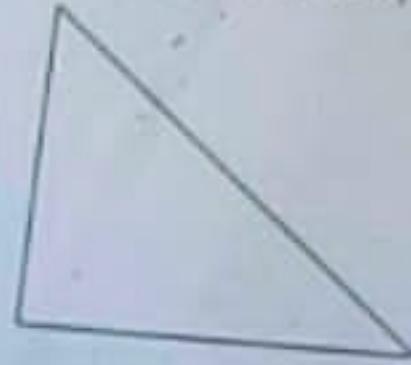
6. Find the next two numbers in the sequence below;

1, 3, 5, 7, 9, \_\_\_\_\_, \_\_\_\_\_

Name the feature on a 200 shilling coin.

8. Work out;  $64 + 12$ 

Name the figure below;

10. Jane is 280 centimetres tall while Jackie is 250 centimetres tall.  
(a) Who is taller?

(b) Find their total height in cm.

11. What is  $\frac{1}{2}$  of 8?

12. Subtract  $\frac{3}{4}$  from  $\frac{5}{6}$ .

13. Which digit in 4760 is in the place value of Tens?

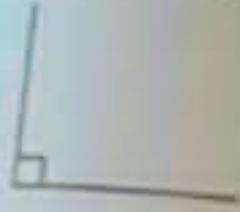
14. Name the first month of the year.

15. Given that Set R = {1, \*, H, □}, how many members has set R?

16. Complete the pattern.



17. Name the angle symbol below:



18. A man has two legs, how many legs do 20 men have?

19. Find the missing number below.

$$\square \times 5 = 20$$

20. Write in short;  
6000 + 800 + 70

## SECTION B. (60 Marks)

21.

(a) What is the sum of 46 and 40?

(b)

Bob had 100 cows and his friend gave him 56 more cows. Find the total number of cows Bob has now.

(c)

A farmer had 155 hens and in one night, 15 hens died. How many hens remained?

22.

If  $P = \{a, b, c, d, e\}$  and  $Q = \{b, e, n\}$ 

(06 Marks)

(a)

Which set has less members?

(b)

How many members has set P?

(c)

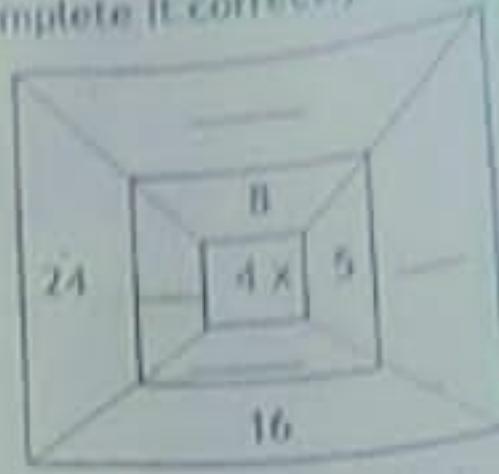
Write the common members of the two sets.

(04 marks)

Find the value of each digit in the numeral 7268.

24.

Study the puzzle below and complete it correctly.



(04 Marks)

(04 Marks)

(a) Work out:

$$\frac{3}{7} + \frac{4}{7}$$

(i)

$$\frac{9}{10} - \frac{3}{10}$$

A woman bought a sugar cane and gave  $\frac{2}{5}$  of it to her daughter. What fraction did she remain with?

(04 Marks)

If 1km = 1000m, change these km to m.

5km

(b)

10km

(c) 18km

(06 Marks)

27. In the market, a bic pen costs sh. 600.

(a) Find the cost of;

(i) 3 pens

(ii)

$\frac{1}{2}$  dozen of pens

(b) How many similar pens can one buy with sh. 2400?

(05 Marks)

8. Use +, -,  $\times$  or  $\div$  to complete these statements correctly.

2 \_\_\_\_\_ 5 = 10

(b)

9 \_\_\_\_\_ 7 = 2

6 \_\_\_\_\_ 3 = 2

(d)

17 \_\_\_\_\_ 10 = 27

Match these sets with their symbols.

A

B

Equal sets

{ }

Empty set

↔

Equivalent sets

=

(04 Marks)

(a) Equal sets

\_\_\_\_\_

(b) Empty set

\_\_\_\_\_

(c) Equivalent sets

\_\_\_\_\_

(06 Marks)

Complete the sequences below;

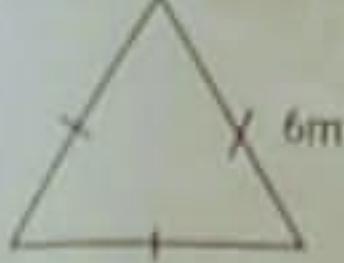
10, 12, 14, 16, \_\_\_\_\_, \_\_\_\_\_

(b)

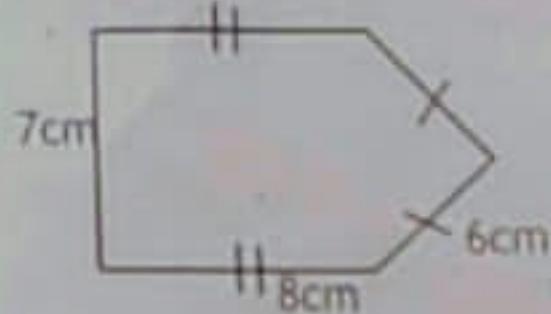
50, 49, 48, 47, \_\_\_\_\_, \_\_\_\_\_

5, 10, 15, 20, \_\_\_\_\_, \_\_\_\_\_

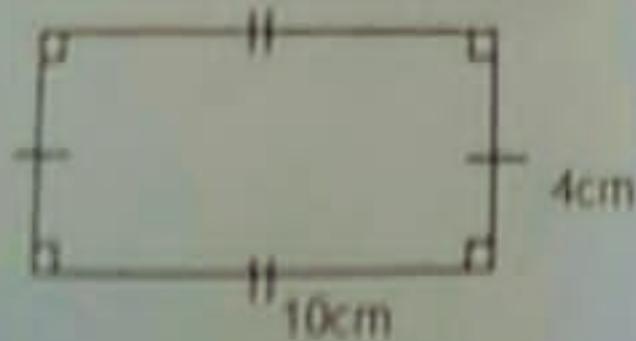
(a) Find the total distance around these figures.



(i)



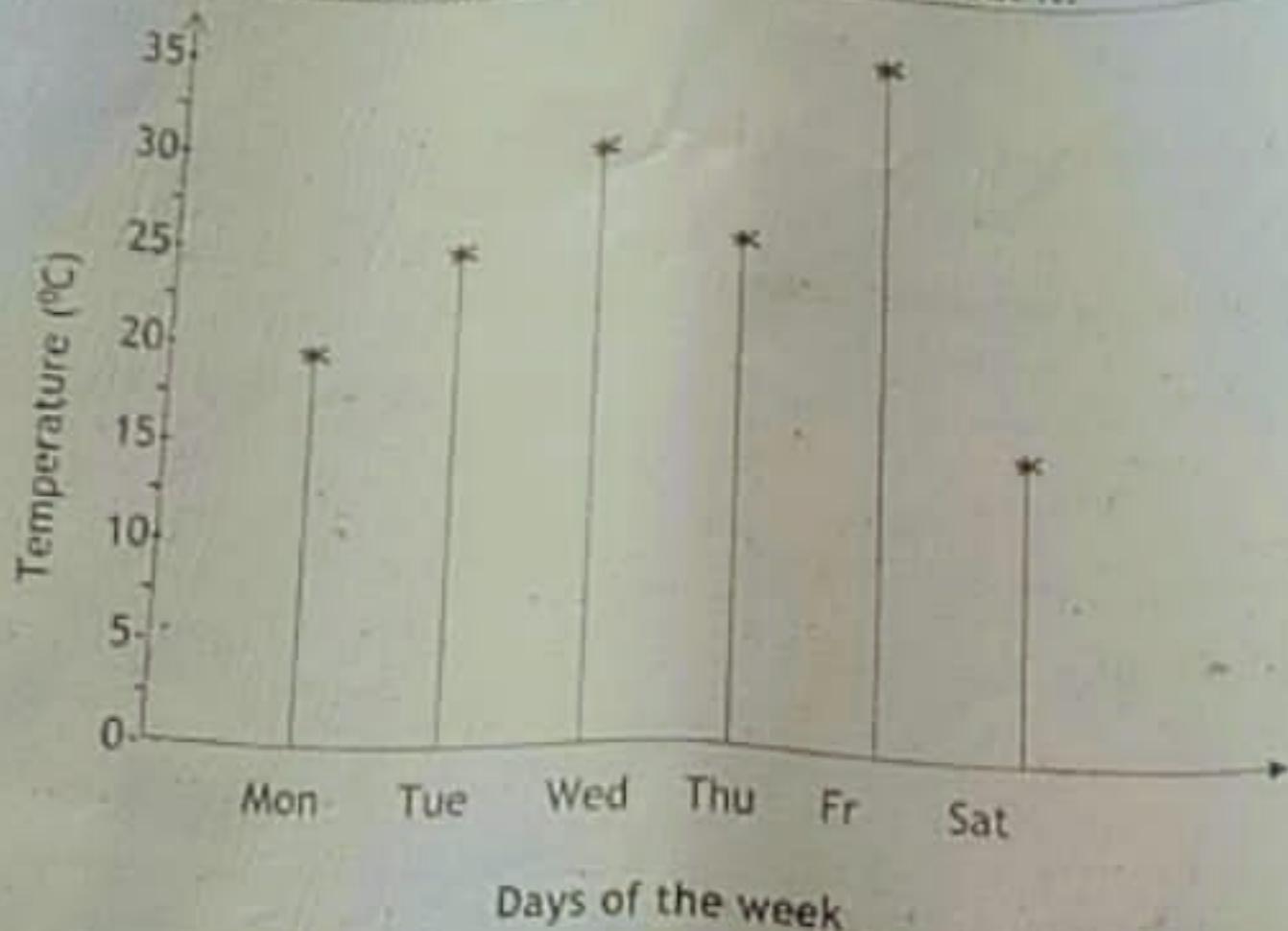
Find the area of the figure below.



(06 M)

32.

The table below shows the temperature of days of the first week of July in Mbale town. Study it carefully and answer questions about it.



(a)

What was the hottest temperature of the week?

(b)

Which days had the same temperature?

c)

What was the temperature on Monday?

(d)

Find the total temperature of the first three days.

END

(05 Mar)