BROAD EXAMINATIONS®
P.4 MATHEMATICS EXAMINATION
END OF TERM II 2023

Time allowed: 2 hours 30 minutes

Pupil's Name: ....

School Name: ....

District Name: ....

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.

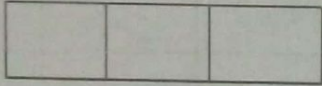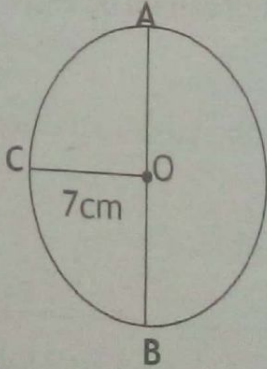8. Do not fill anything in the boxes indicated for Examiners' use only.
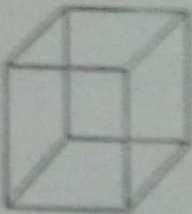
FOR EXAMINERS' USE ONLY		
PAGES	MARKS	SIGN
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Page 3		
Page 4		
Page 5		
Page 6		
Page 7		
Page 8		
TOTAL		

Teacher's comment to the learner

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_____

_____

Approved by:

Team Head Mathematics Dept.

1.	Write "sixteen" in figures.	2.	Add: 7 + 2
3.	Fill in the missing numbers. 20, 21, 22, _____, 24, _____, 26	4.	A trader bought a shirt at sh. 6000 and sold it at sh. 7200. Find the profit made.
5.	In the figure below, shade $^2/_3$	6.	What is the place value of 4 in the figure 7400?
7.	Add; M CM 9 52 + 6 38 _____	8.	Study the diagram below and answer the questions that follow. (a) Name line AB. _____ (b) Find the length AB. _____
9.	Multiply; 2 5 x 4 _____	10.	Convert 4 hours to minutes

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P.4 Maths End of Term II 2023

FOR ACADEMIC EXCELLENCE, AVOID MISSING BROAD HOLIDAY PACKAGES, WORK BOOKS & PAST PAPER BOOKLETS.

11.	If P is a set of vowels, list the members of set P. P = { .... }	12.	A pen costs sh. 500. How many pens can you buy with sh. 3000?
13.	Out of all the hens in a poultry house, 15 hens were stolen one night and only 10 hens remained. How many hens were in the house before?	14.	Study the pattern below and draw the next two diagrams. □, ✳, △, □, ✳, △, □, ____, ____
15.	Find the value of 4 tens.	16.	How many halves are in 6 wholes?

17.	Subtract: Km M
	              7 850
	
	          -4 025
	         _____
		18.	Change 15 to Roman numerals.

19.	Use the two sets below to answer the question below. X W (pen book pencil) (John Mary Keith) X and W are _____ sets.	20.	Find the number of vertices the shape below has? _____

21. **Use > or < to compare these fractions.**

(a) $\dfrac{3}{7}$ _____ $\dfrac{5}{7}$

(b) $\dfrac{4}{5}$ _____ $\dfrac{2}{5}$

(c) $\dfrac{6}{13}$ _____ $\dfrac{9}{13}$

(6 Marks)

22. **Given that 1m = 100cm**

(a) Change these to cm;

(i) 3m

(ii) 15m

(b) Change 700cm to m.

(6 Marks)

23. Use the two sets below and answer questions that follow.

A = {v, w, x, y}

B = { w, a, y}

(a) Which set has more members?

(b) Write common members in set A and set B.

(c) Write all the members in the two sets.

(5 Marks)

24. If 1 week = 7 days;
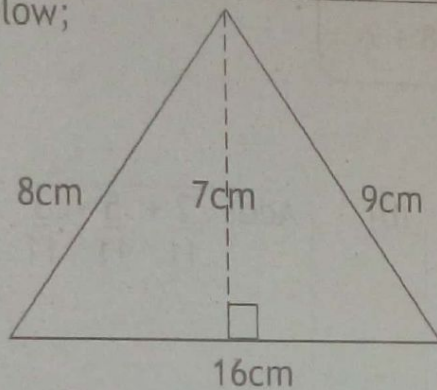
(a) Change these weeks to days

(i) 3 weeks

(ii) 5 weeks

(b) Change 7 years to months.

(6 Marks)

25. In the triangle below;

8cm   7cm   9cm

16cm

(a) Write the;

(i) base _____ cm

(ii) height _____ cm

(b) Find the total distance around the triangle.

(5 Marks)

26. Work out;

(a) (i)

$$\begin{array}{r} 7\ 2\ 1\ 5 \\ +\ 8\ 3\ 7 \\ \hline \end{array}$$

(ii)

$$\begin{array}{r} 8\ 5\ 1 \\ -\ 5\ 1\ 7 \\ \hline \end{array}$$

(b) Find the sum of 156 and 44.

(6 Marks)

27. Match list A with list B correctly.

A	B
8	3 x 4
12	12 - 4
4	2 + 7
9	8 ÷ 2

(4 Marks)

28. (a) Remove $\frac{3}{10}$ from $\frac{7}{10}$.

(b) Add; $\frac{2}{11} + \frac{5}{11} + \frac{3}{11}$

(4 Marks)

29. Study the price list below and use it to answer questions that follow.

(a) What is the expensive item?

Item(s)	Amount
Dress	Sh. 10000
T-shirt	Sh. 3000
2 shirts	Sh. 16000
Sweater	Sh. 4000

How much is a shirt?

(c) How much will a person pay for 3 dresses?

d) If Bob buys a sweater and 2 shirts, how much will he pay altogether?

(6 Marks)

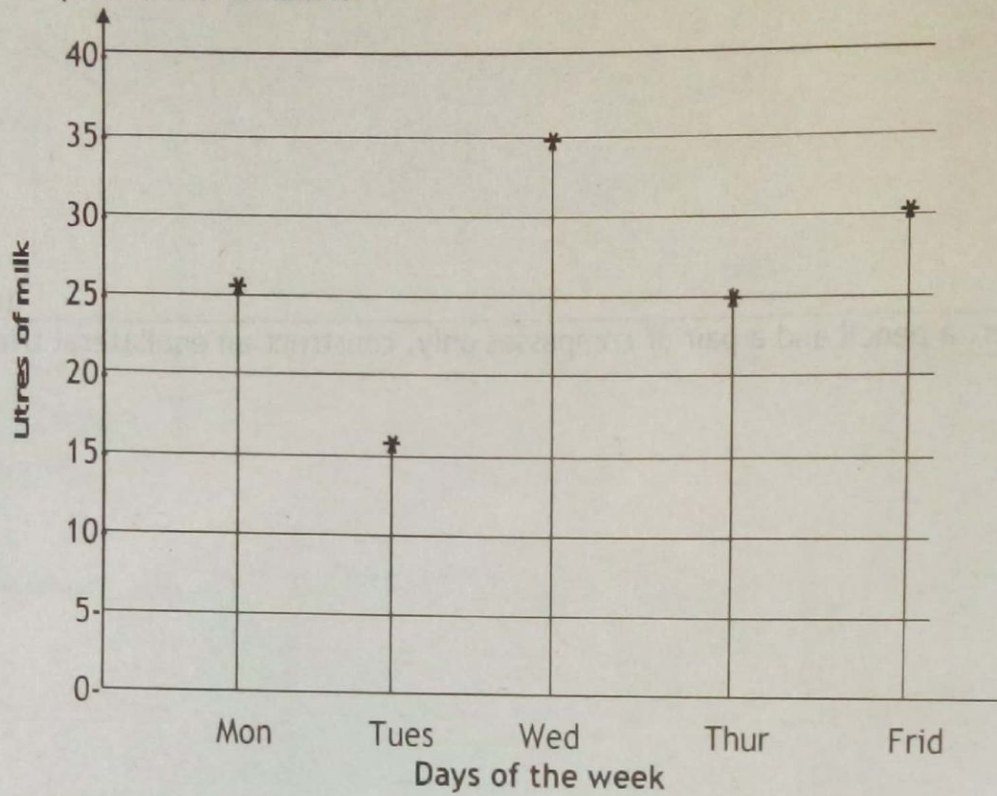0. Using a ruler, a pencil and a pair of compasses only, construct an equilateral triangle of side 4cm.

(3 Marks)

31. Complete the magic square below.

8	13	___
7	9	___
___	___	10

(4 Marks)

32. The graph below shows litres of milk sold on different days of the week. Use it to answer questions that follow.

| (a) | What was the lowest amount of milk sold? | (b) | On which day was the highest amount of milk sold? |
| (c) | On which days were the same amount of milk sold? | (d) | Find the total amount of milk sold on Thursday and Friday. |

END

(5 Marks)