THE SPECTRUM EXAMINATIONS HUB
END OF TERM III ASSESSMENT , 2024
PRIMARY FOUR MATHEMATICS
Time allowed 2hrs 15 minutes

Read the following instructions carefully:

1. This paper has 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. All the working for both sections A and B must be shown in the spaces provided.

5. All working must be done using a blue or blackball point pen or ink. Any work done in pencil will NOT be marked except drawings and diagram.

6. No calculators are allowed in the examination.

7. Unnecessary changes in your work and handwriting that cannot be easily read may lead to loss of marks.

8. Do not fill anything in the table indicated; "For examiners' use only" and the boxes inside the question paper.

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SECTION: A (40 MARKS)

1. Add: 2 7 + 2

2. Given that set A = { **M ,O, N, D, A, Y**}.

   Find n(A)

3. Expand; 421 in value form

4. Write 230 in words

5. Subtract: $\frac{3}{7} - \frac{1}{7} =$

6. James is 2 years older than his brother Collins. If Collins is 7 years old, how old is James?
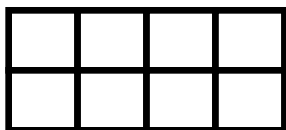
7. Tell the time on the clock face below.

8. Solve for y: $y + 3 = 8$

9. Multiply 33 x 13 using lattice method.

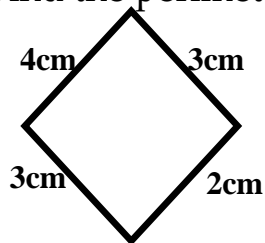10. Draw a square in the space below.

11. What is $\frac{1}{4}$ of

12. My brother is 15 years old. Write my brother's age in Roman numerals.
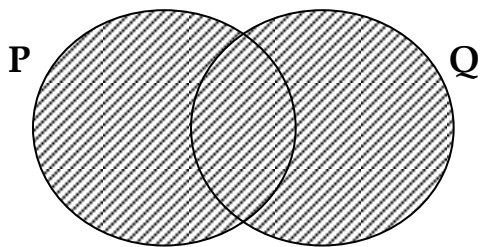
13.Write in short form.

3y + 2y + y

14.(a) What is the cost of 3 pens if one pen costs shs. 700?

15. Find the perimeter of the shape below.

4cm   3cm

3cm   2cm

16. Describe the shaded region.

P   Q

17. If represents 5 trees. How many trees are represented by
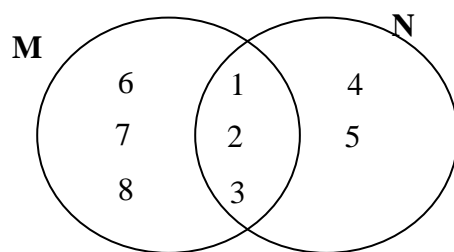
?

18. Find the sum of 409 and 323.

19. Round off 49 to the nearest tens.

20. Change 2 hours to minutes.
    (1 hour =   60 minutes)

SECTION B
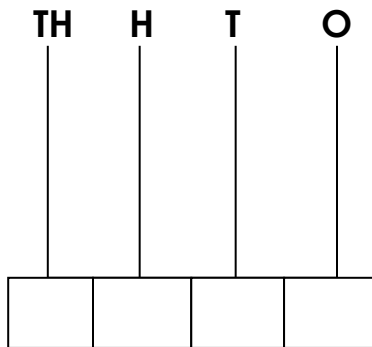21. Given the set below, use it to answer the questions that follow.

a) Find M ∩ N   **(1 mark)**

b) How many members are in M – N

(1 mark)

c) Find M ∪ N   **(2 marks)**

22. (a) Given the number 4301, represent it on the abacus below.   **(2 marks)**

TH   H   T   O

b) Using the number 4301, find the value of 3.**(2 marks)**
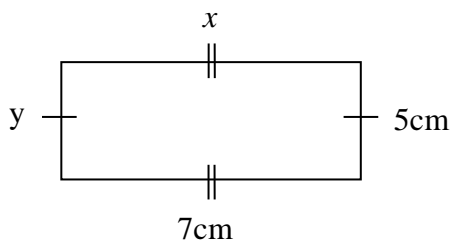
c) Write the above number in words.   **(1 mark)**

23. Solve for the unknown.   **(2 marks @)**
   a) $y - 5 = 10$

   b) $p + 3 = 9$

24. Given the shape below, use it to answer the questions that follow.

   (a) Name the shape.   **(1 mark)**

   (b) Find the value of   **(1 mark @)**
     (i) x =   ii) y =
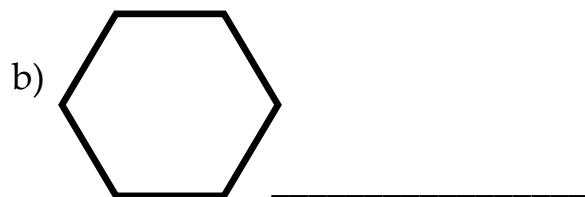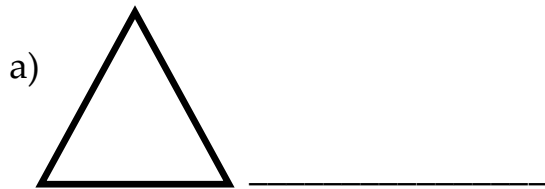
   c) Work out the area of the shape.   **(2 marks)**

25. (a) Moses ate $\dfrac{3}{5}$ of the sugar cane. What fraction remained? **(1 mark)**

7

(b) Add: $3\frac{1}{3}+1\frac{1}{3}$ **(2 marks)**

c) How many half cups of water are in 5-litre jerry can of water?

(2 marks)

26. Name the geometrical shapes below. **(2 marks @)**

a)

 _____

b)

 _____

27. Given the digits 4, 0, 3.
Form;
(a) the smallest number. **(1 mark)**

b) the biggest number **(1 mark)**

c) Work out the sum of the biggest and smallest numbers formed. **(2 marks)**

d) What is the place value of 3 in the biggest number formed? **(2 mark)**

28.(a) List all the factors of 12. **(2 marks)**

(b) Find the LCM of 6 and 12 . **(2 marks)**

(c) Find the next number in the   sequence. **(1 mark)**

1,   3,   5,   7,   9,   ____

29. P.4 pupils went to a supermarket and bought the following items.

A book at shs. 1200
A pencil at shs. 500
A ruler at shs. 1500
A watch at shs. 1000

a) How much is the most expensive item? **(1 mark)**

b) Find the cost of a book and a ruler. **(2 marks)**

c) How many coins of 100 can a pupil use to buy a pencil? **(2 marks)**

30. (a) Share 120 mangoes between 2 girls. **(2 marks)**

(b) Multiply: 13 by 12. **(2 marks)**

31. Daniella is 3 years older than Damietta . If Damietta is 12 years old,

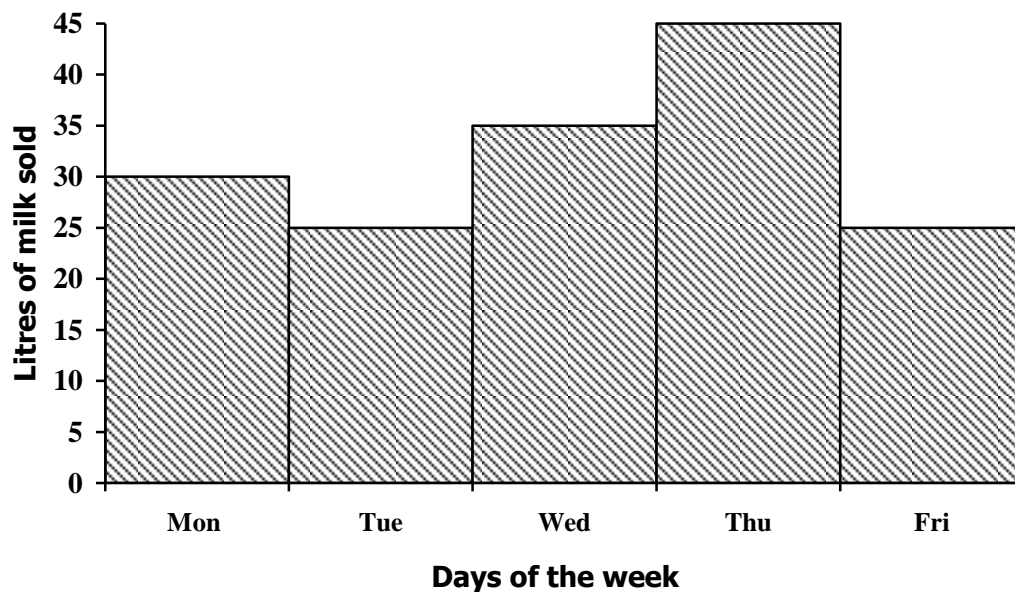a) How old is Daniella ? **(2 marks)**

b) What is their total age?

(2 marks)

c) How old will Damietta be in 2 years' time to come?

(2 marks)

32. Given the graph below, use it to answer questions that follow.

a) Which 2 days of the week had the same number of litres of milk sold?

(2 marks)

b) How many litres of milk were sold on Thursday? **(1 mark)**

c) How many litres of milk were sold on Monday and Wednesday? **(2 marks)**

d) How many more litres of milk were sold on Thursday than Monday?
(2 marks)

END

THE SPECTRUM EXAMINATIONS HUB

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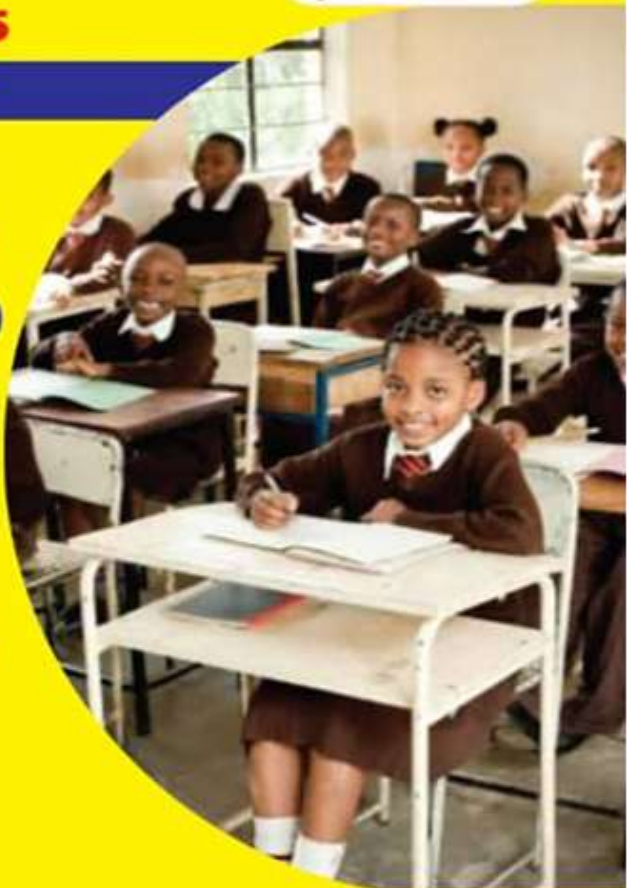
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