Booklet A

ST. HILDA'S PRIMARY SCHOOL

END-OF-YEAR EXAMINATION 2023

PRIMARY 4 MATHEMATICS

Total Time for Booklets A and B: 1 hour 45 minutes

Additional Materials: Optical Answer Sheet

Booklet A: 20 Multiple-Choice Questions (40 marks)

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all the questions.
4. Shade your answers in the Optical Answer Sheet provided.
5. The use of calculators is **NOT** allowed.

Name : _____

Index No.: _____ **Class : P4 /** _____ **Date : 23 October 2023**

Parent's Signature : _____

This booklet consists of 8 printed pages and 1 blank page.

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Questions **1** to **20** carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. (40 marks)

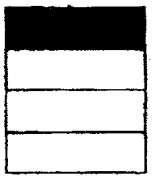
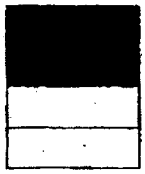
1. In which of the following numbers does the digit 7 stand for 70?

   (1) 3407
   (2) 4073
   (3) 4730
   (4) 7304

2. Which of the following is a factor of both 12 and 40?

   (1) 12
   (2) 8
   (3) 6
   (4) 4

3. Which one of the following has $\frac{1}{3}$ of the figure shaded?

   (1) 
   (2)
   (3) 
   (4)

4. $6\frac{7}{8} = \frac{\square}{8}$

   What is the missing number in the box?

   (1) 42
   (2) 48
   (3) 50
   (4) 55

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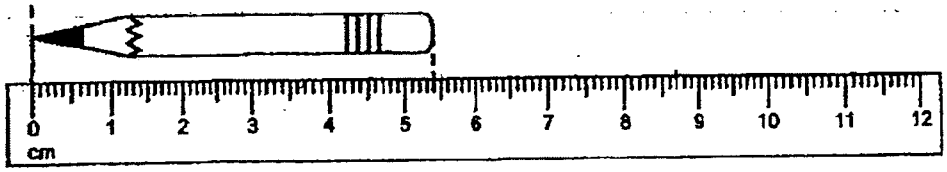
5. In the figure below, what is the length of the pencil in cm?



(1) 6.6 cm
(2) 6.4 cm
(3) 5.9 cm
(4) 5.4 cm

6. What is the number when 11.84 is rounded to 1 decimal place?

(1) 11.0
(2) 11.8
(3) 11.9
(4) 12.0

7. Which of the following letters is symmetrical?

(1) N

(2) S

(3) X

(4) Z

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8. Andy had 578 marbles at first. After giving 142 marbles to Shirley, he had twice the number of marbles as Shirley in the end. How many marbles did Shirley have at first?

(1) 76
(2) 146
(3) 218
(4) 240

9. Which of the following numbers is both a factor of 16 and a multiple of 4?

(1) 1
(2) 2
(3) 6
(4) 4

10. Chuan Rui is thinking of a number. When it is divided by 18, it has a quotient of 324. What is the number?

(1) 18
(2) 306
(3) 342
(4) 5832

11. A fruit seller had 5630 oranges. He packed all the oranges into boxes of 8. How many oranges were left unpacked?

(1) 703
(2) 6
(3) 3
(4) 30

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12. Tim ate $\frac{4}{9}$ of a cake.

Mark ate $\frac{1}{2}$ of the same cake.

What fraction of the cake was left?

(1) $\frac{1}{18}$

(2) $\frac{3}{7}$

(3) $\frac{5}{11}$

(4) $\frac{5}{18}$

13. Amirah saved an equal amount of money each month.

She saved $19.20 in 2 months.

How much would she save in 7 months?

(1) $44.80
(2) $67.20
(3) $134.40
(4) $268.80

14. Harvey has 4 times as much money as Chris.

Harvey has $147 more than Chris.

How much money does Chris have?

(1) $36.75
(2) $49
(3) $441
(4) $588

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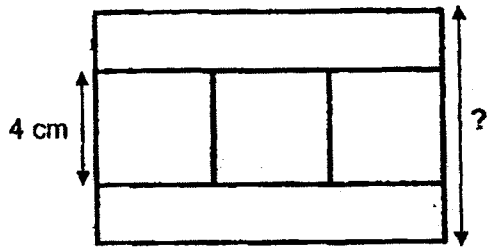
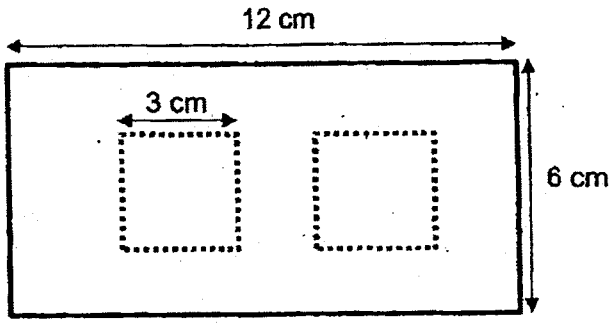
15. The figure below is made up of 3 identical squares and 2 identical rectangles.
The breadth of the rectangle is half the length of a square.
What is the length of the unknown side?



(1) 12 cm
(2) 2 cm
(3) 6 cm
(4) 8 cm

16. The figure below shows a rectangular piece of paper with 2 identical squares cut out from it.
What is the area of the remaining figure?



(1) 72 cm^2
(2) 63 cm^2
(3) 54 cm^2
(4) 18 cm^2

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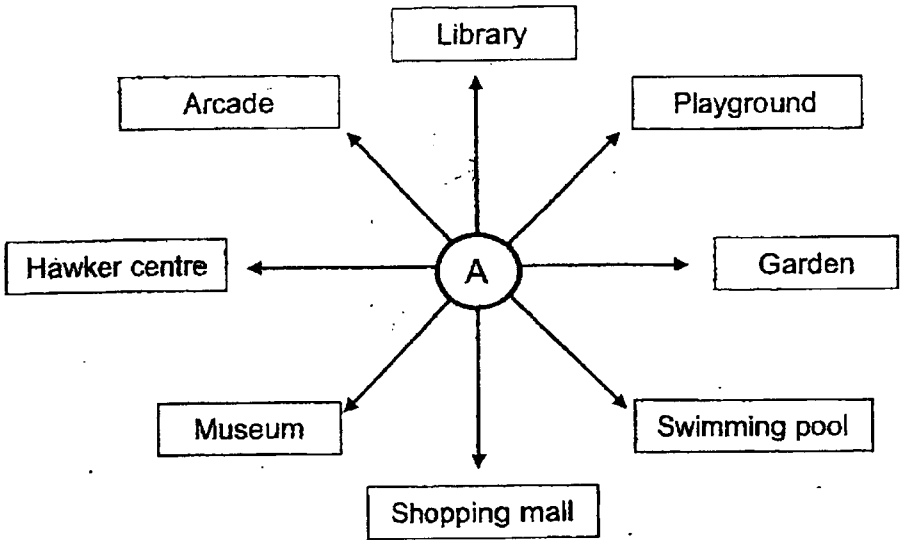
17. Jean is standing at point A facing the Museum.
She makes a _____ ° turn in the clockwise direction to face the Library.



(1) 90
(2) 135
(3) 225
(4) 270

18. The diagram below shows the seating positions of some students in a class.

Enya	Anna	Chris
Vijay	En Rui	Aiman
Hidaya	Ratna	Rajesh

Who is sitting north-east of En Rui?

(1) Aiman
(2) Enya
(3) Chris
(4) Hidaya

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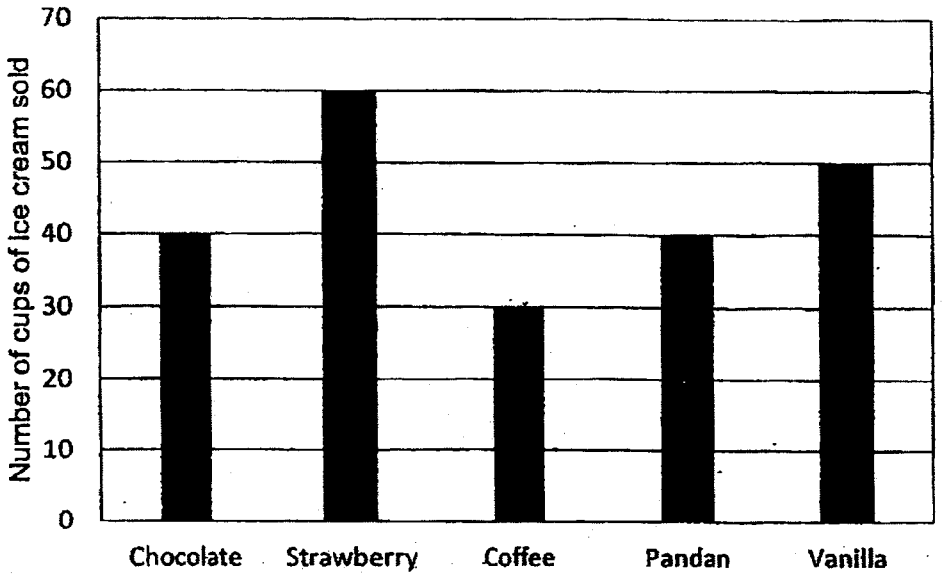
Study the bar graph below carefully.
The bar graph below shows the number of cups of ice cream Alice sold last week at Sweetness Café.



19. What was the total number of cups of chocolate and vanilla ice cream sold at Sweetness Café?

(1) 10
(2) 80
(3) 90
(4) 100

20. Alice sold twice as many cups of _____ ice cream as compared to coffee ice cream.

(1) chocolate
(2) strawberry
(3) pandan
(4) vanilla

END OF BOOKLET A
Proceed to Booklet B

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Booklet B

ST. HILDA'S PRIMARY SCHOOL

END-OF-YEAR EXAMINATION 2023

PRIMARY 4 MATHEMATICS

Total Time for Booklets A and B: 1 hour 45 minutes

Booklet B: 20 Short Answer Questions (40 marks)
5 Long Answer Questions (20 marks)

INSTRUCTIONS TO CANDIDATES

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all the questions.
4. Write your answers in this booklet.
5. The use of calculators is **NOT** allowed.

Name : _____

Index No.: _____ **Class: P4 /** _____ **Date : 23 October 2023**

Booklet A	**/ 40**
Booklet B	**/ 60**
Total	**/ 100**

Parent's Signature : _____

This booklet consists of 15 printed pages and 1 blank page.

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Questions 21 to 40 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

21. Write twenty-seven thousand and seventy in figures.

Ans: _____

22. What is the missing number in the number pattern below?

6849 , 7099 , 7349 , _____ , 7849

Ans: _____

23. $\frac{2}{3} - \frac{1}{12} =$ _____

Ans: _____

24. What is the value of $\frac{1}{3} + \frac{5}{6}$?

Express your answer as a mixed number.

Ans: _____

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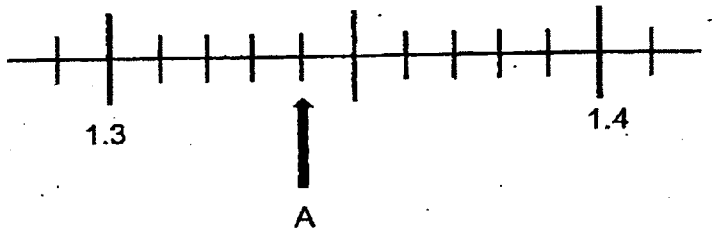
25. Find the value of $1 - \frac{1}{2} - \frac{1}{6}$.

Express your answer in the simplest form.

Ans: _____

26. Write the decimal represented by A.



Ans: _____

27. Arrange the following decimals in order from the smallest to the greatest.

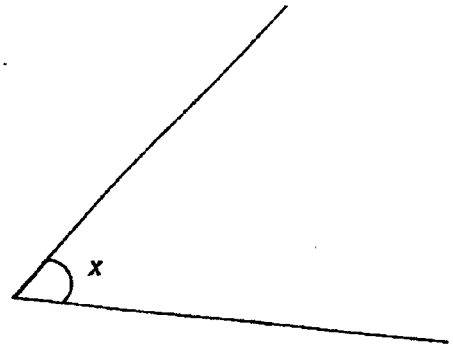
1.08 , 0.018 , 0.081

_____ , _____ , _____

(smallest) **(greatest)**

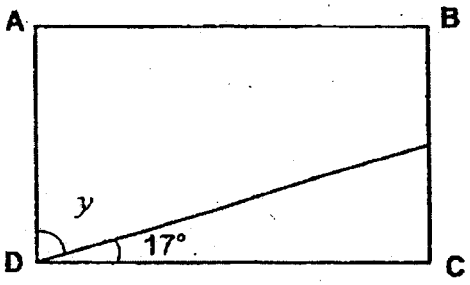
Do not write in this space

28. Measure and write down the size of angle x.



Ans: $\angle x =$ _____ °

29. In the figure, ABCD is a rectangle. Find the value of $\angle y$.



Ans: $\angle y =$ _____ °

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Do not write in this space

30. Find the value of $27 \div 8$, correct to 2 decimal places.

Ans: _____

31. The table shows the amounts of money Jamie earned from January to April. Jamie earned a total of $3795 in the 4 months.
What was Jamie's amount earned in February?

Month	Amount Earned
January	$ 640
February	?
March	$ 802
April	$ 945

Ans: $ _____

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Do not write in this space

32. At a fruit shop, apples and oranges were packed into bags for sales. There were 587 bags of fruits. Each bag contains 12 apples and 6 oranges. How many apples and oranges were there altogether?

Ans: _____

33. Martha had $36. She had 5 times as much money as Rina. How much money did both of them have?

Ans: $ _____

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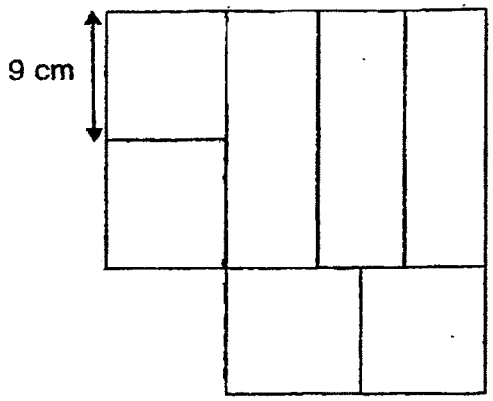
Do not write in this space

34. The figure shown is made up of 3 identical rectangles and 4 identical squares. The length of a square is 9 cm. Find the area of the figure.



Ans: _____ cm^2

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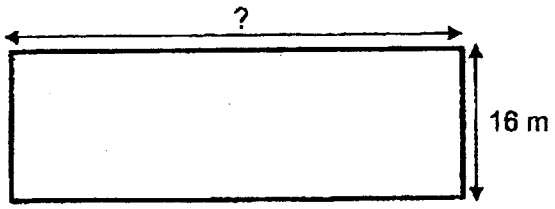
35. The perimeter of a rectangular piece of land is 86 m.
Its breadth is 16 m. Find its length.



Ans: _____ m

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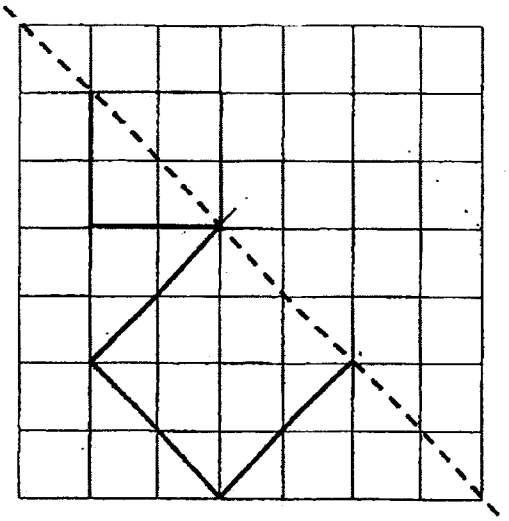
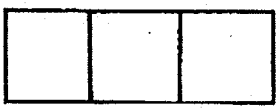
Do not write in this space

36. The dotted line in the figure represents the line of symmetry. Draw the other half of the figure.



37. The figure below is made up of 5 identical squares. The perimeter of the figure is 80 cm.
Find the length of one square.



Ans: _____ cm

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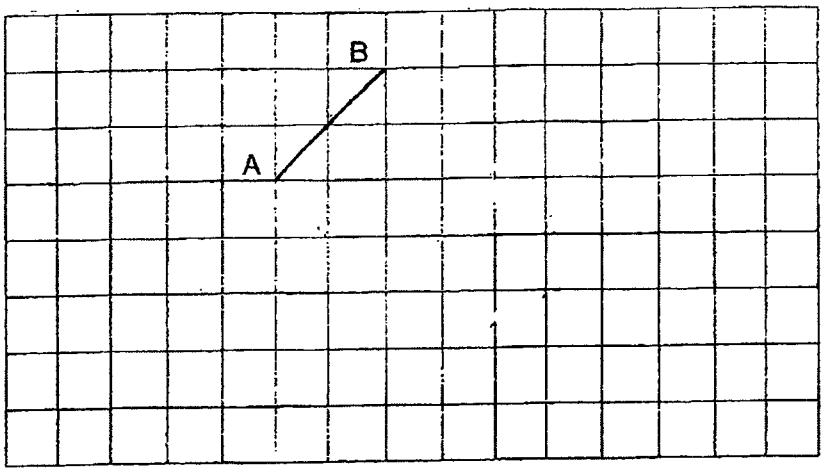
Do not write in this space

38. Line AB is drawn in the grid below.
Complete and **label** the square ABCD by drawing 3 more lines.



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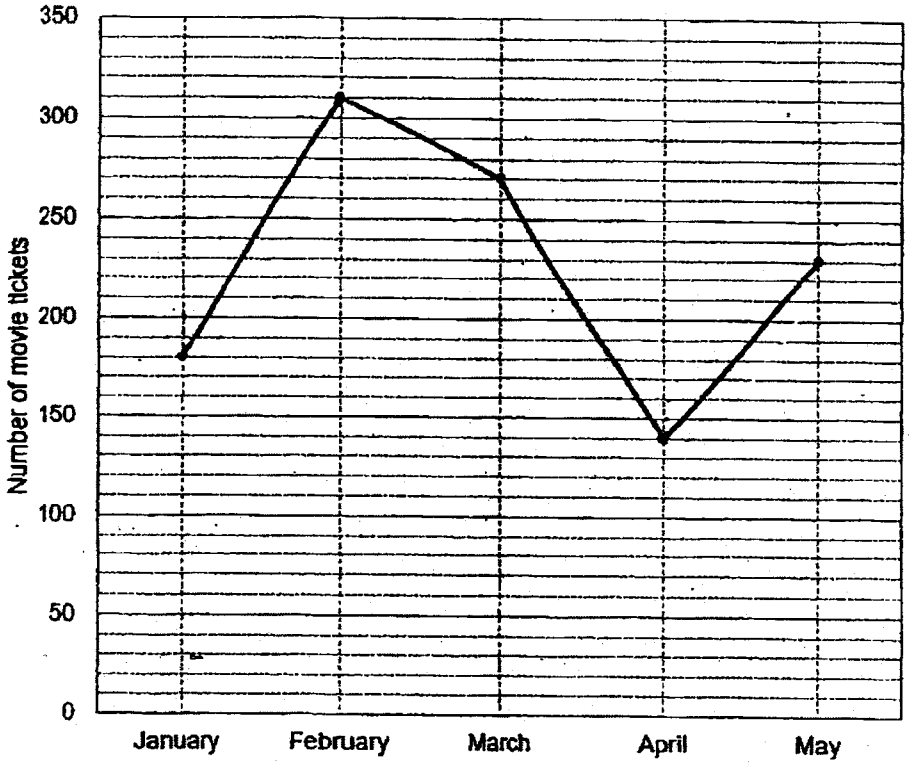
Study the line graph below carefully.
The line graph shows the number of movie tickets sold by a cinema from January to May.

Do not write in this space

Use the graph below to answer questions 39 and 40.



39. During which 1-month interval was the increase in the sale of movie tickets the greatest?

Ans: _____ to _____

40. What was the difference between the greatest and the least number of movie tickets sold?

Ans: _____

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For questions **41** to **45**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (20 marks)

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41. Ken has 600 stamps.

He gave $\frac{3}{5}$ of the stamps to Tom, $\frac{1}{10}$ of the stamps to John and kept the rest for himself.

(a) What fraction of the stamps did Ken keep for himself?

Ans: (a) _____ [2]

(b) How many more stamps did Ken give to Tom than to John?

Ans: (b) _____ [2]

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42. Magdalene and Angelina had 568 marbles altogether.
Magdalene and Jeremy had 795 marbles altogether.
Angelina had half the number of marbles as Jeremy.
How many marbles did they have altogether?

Do not write in this spac

Ans: _____ [4]

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Do not write in this space

43. Hakim, Gomez and Vignesh saved $1895 in a particular month.
Hakim saved six times as much money as Gomez.
Gomez saved $95 less than Vignesh.
How much money did Hakim save?

Ans: _____ [4]

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44. 4 files cost as much as 3 notebooks.

Martha paid $84.60 for 2 files and 3 notebooks.

(a) How much does 1 file cost?

Ans: (a) _____ [2]

(b) How much do 3 notebooks cost?

Ans: (b) _____ [2]

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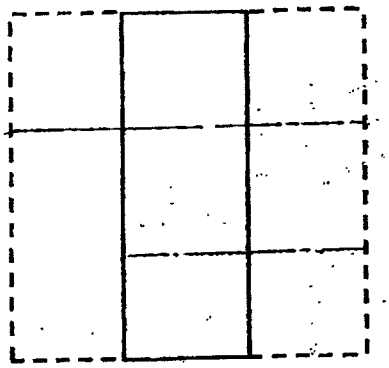
45. The figure below shows a square piece of paper that is made up of three identical rectangles. The square piece of paper has a perimeter of 48 cm. Two of the rectangles were cut out from the square piece of paper as shown in the diagram below. What is the area of the remaining piece of paper?



Ans: _____ [4]

END OF BOOKLET B

Have you checked your work carefully?

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SCHOOL : ST HILDA'S PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 SA2

CONTACT :

BOOKLET A

Q1	2	Q2	4	Q3	2	Q4	4	Q5	4
Q6	2	Q7	3	Q8	1	Q9	4	Q10	4
Q11	2	Q12	1	Q13	2	Q14	2	Q15	4
Q16	3	Q17	2	Q18	3	Q19	3	Q20	2

BOOKLET B

Q21	27070
Q22	7599
Q23	$\frac{7}{12}$
Q24	$1\frac{1}{6}$
Q25	$\frac{1}{3}$
Q26	1.34
Q27	0.018, 0.081, 1.08
Q28	53°
Q29	73°
Q30	3.38
Q31	640 + 802 + 945 = 2387 3795 - 2387 = **$1408**
Q32	12 + 6 = 18 587 x 18 = **10566**
Q33	36 ÷ 5 = 7.2 36 + 7.2 = **$43.20**
Q34	162 + 486 = **648 cm²**
Q35	86 ÷ 2 = 43 43 - 16 = **27**

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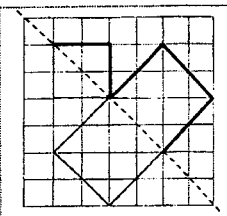
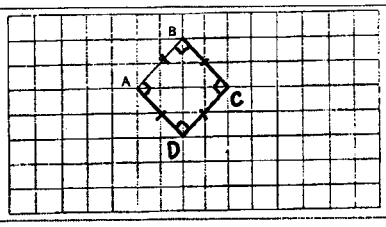
Q36	
Q37	80 ÷ 10 = **8 cm**
Q38	
Q39	January to February
Q40	310 - 140 = **170**
Q41a	$\frac{3}{5} + \frac{1}{10} = \frac{6}{10} + \frac{1}{10} = \frac{7}{10}$ $\frac{10}{10} - \frac{7}{10} = \frac{\mathbf{3}}{\mathbf{10}}$
Q41b	$\frac{3}{5} - \frac{1}{10} = \frac{6}{10} - \frac{1}{10} = \frac{5}{10}$ 600 ÷ 10 = 60 60 x 5 = **300**
Q42	795 - 568 = 227 568 - 227 = 341 795 - 341 = 454 227 + 341 + 454 = **1022**
Q43	1895 - 95 = 1800 1800 ÷ 5 = 225 225 x 6 = **$1350**
Q44a	84.60 x 2 = 169.20 169.20 ÷ 3 = 56.40 56.40 ÷ 4 = **$14.10**
Q44b	169.20 ÷ 3 = **$56.40**
Q45	48 ÷ 12 = 4 4 x 3 = 12 Area of remaining paper = 12 x 4 = **48 cm²**

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