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Booklet A

ST. HILDA'S PRIMARY SCHOOL

END-OF-YEAR EXAMINATION 2024

PRIMARY 4 MATHEMATICS

(BOOKLET A)

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 : 21 October 2024**

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 does the digit 6 stand for 600?

(1) 3706
(2) 3760
(3) 7063
(4) 7603

2. Which of the following are common factors of 18 and 24?

(1) 1 and 9
(2) 2 and 4
(3) 3 and 6
(4) 6 and 9

3. How many one-quarters are there in 2 wholes?

(1) $\frac{1}{2}$

(2) 2

(3) 8

(4) 4

4. $7\frac{4}{9} = \frac{\square}{9}$

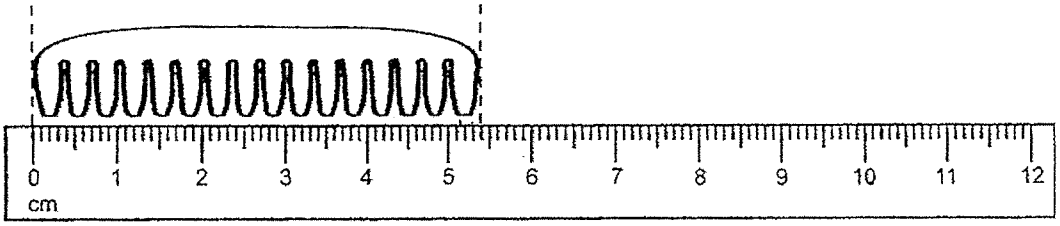
What is the missing number in the box?

(1) 28
(2) 59
(3) 63
(4) 67

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5. What is the length of the comb in cm?

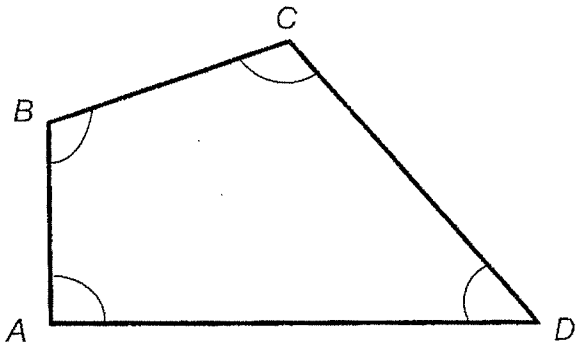


(1) 5.4 cm
(2) 5.6 cm
(3) 6.4 cm
(4) 6.6 cm

6. What is the number when 223.74 is rounded to 1 decimal place?

(1) 223.0
(2) 223.7
(3) 223.8
(4) 224.0

7. In the figure below, one of the angles is a right angle. Identify the right angle.



(1) ∠ABC
(2) ∠BCD
(3) ∠CDA
(4) ∠DAB

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8. Mary bought a table and 3 chairs. The table cost $180 more than each chair. She gave the cashier $1000 and received $40 change. What was the cost of each chair?

(1) $195
(2) $240
(3) $260
(4) $285

9. This number is a factor of 20 and a multiple of 5. It is between 6 and 19. What is this number?

(1) 1
(2) 5
(3) 10
(4) 15

10. Mrs Tan packed 40 plums into some bags. Each bag contained 7 plums. She sold each bag of plums at $6 and each remaining plums at $1 each. How much would she collect if she sold all the plums?

(1) $30
(2) $35
(3) $36
(4) $40

11. Ann and David scored a total of 8060 points in a game show. Ann scored 4 times as many points as David. How many points did David score?

(1) 1340
(2) 1600
(3) 1612
(4) 2015

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12. Ethan ate $\frac{5}{12}$ of a pizza. His sister ate $\frac{1}{3}$ of the same pizza. How much more of the pizza did Ethan eat than his sister?

(1) $\frac{1}{12}$

(2) $\frac{4}{9}$

(3) $\frac{6}{15}$

(4) $\frac{9}{12}$

13. Mr Tan is 1.6 m tall. He is taller than Mdm Siti by 0.02 m.
How tall is Mdm Siti?

(1) 1.4 m
(2) 1.58 m
(3) 1.62 m
(4) 1.8 m

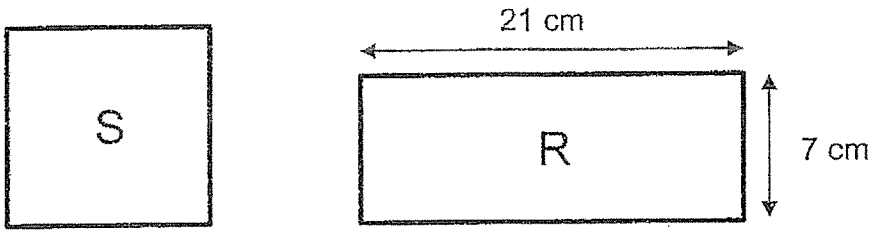
14. The total mass of 5 identical boxes is 11.25 kg.
What is the mass of 9 such boxes?

(1) 2.25 kg
(2) 20.25 kg
(3) 101.25 kg
(4) 506.25 kg

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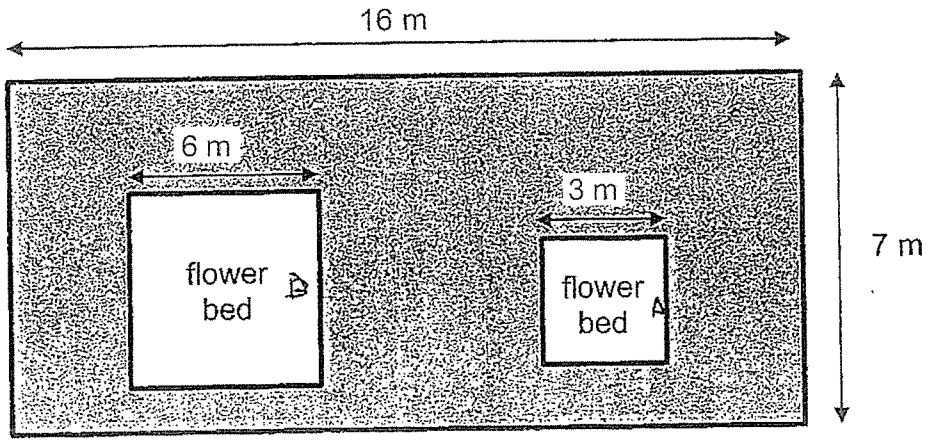
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15. Square S and Rectangle R have the same perimeter.
Find the length of each side of Square S.



(1) 7 cm
(2) 14 cm
(3) 28 cm
(4) 56 cm

16. The figure below shows a rectangular garden measuring 16 m by 7 m.
There are 2 square flower beds in the garden.
The length of the big square flower bed is 6 m and the length of the small square flower bed is 3 m.
What is the area of the garden not covered by the flower bed?



(1) 112 m^2
(2) 76 m^2
(3) 67 m^2
(4) 45 m^2

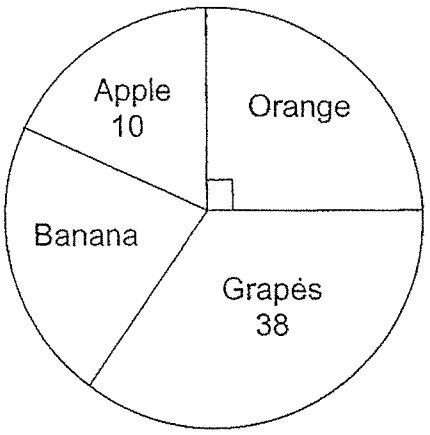
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17. The mass of a durian is 1.7 kg when rounded to 1 decimal place. Which of the following is the maximum possible mass of the durian?

(1) 1.69 kg
(2) 1.74 kg
(3) 1.79 kg
(4) 1.84 kg

18. The pie chart below shows the favourite fruits chosen by a group of 100 students. How many students chose banana as their favourite fruit?

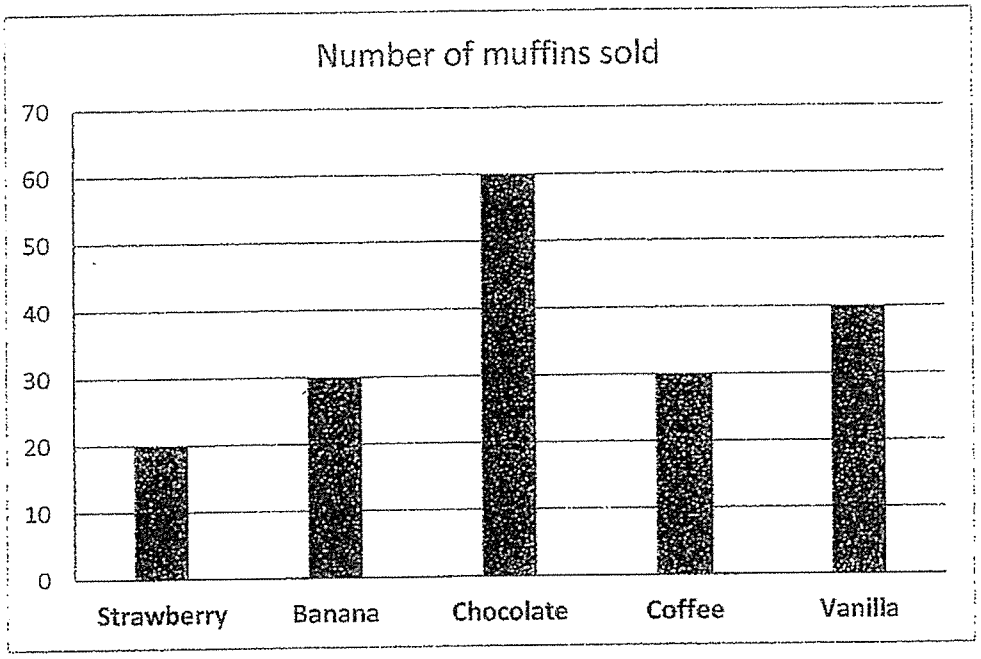


(1) 25
(2) 27
(3) 28
(4) 48

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Study the bar graph below carefully and answer questions **19** and **20**.
The bar graph below shows the number of muffins Sally sold last week at Tasty Café.



19. What was the total number of banana and vanilla muffins sold at Tasty Café?

(1) 10
(2) 70
(3) 80
(4) 100

20. The number of chocolate muffins sold is three times the number of _____ muffins sold.

(1) coffee
(2) banana
(3) chocolate
(4) strawberry

END OF BOOKLET A
Proceed to Booklet B

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Booklet B

ST. HILDA'S PRIMARY SCHOOL

END-OF-YEAR EXAMINATION 2024

PRIMARY 4 MATHEMATICS

(BOOKLET B)

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 : 21 October 2024

Booklet A	/ 40
Booklet B	/ 60
Total	/ 100

Parent's Signature : _____

This booklet consists of 14 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)

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21. Write ninety thousand and sixteen in numerals.

Ans: _____

22. Write the missing number in the number pattern below.

5624 , 5774 , 5924 , _____ , 6224

Ans: _____

23. $\frac{11}{12} - \frac{5}{6} =$ _____

Ans: _____

24. What is the value of $\frac{2}{3} + \frac{7}{9}$?

Express your answer as a mixed number.

Ans: _____

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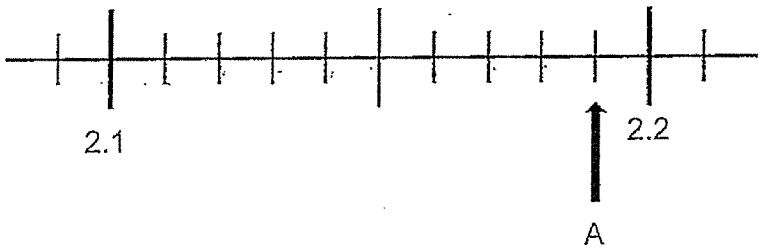
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25. $1 - \frac{1}{2} - \frac{3}{8} =$

Ans: _____

26. Write the decimal represented by A.



Ans: _____

27. Arrange these numbers from the greatest to the smallest.

0.065 , 0.605 , 0.506

_____ , _____ , _____

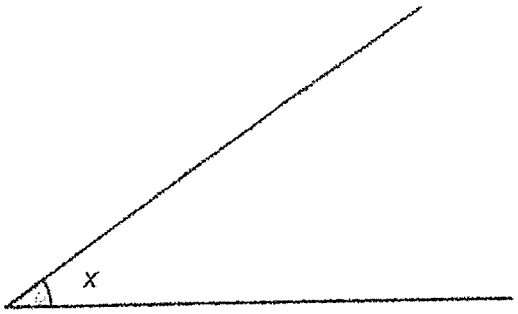
(greatest) (smallest)

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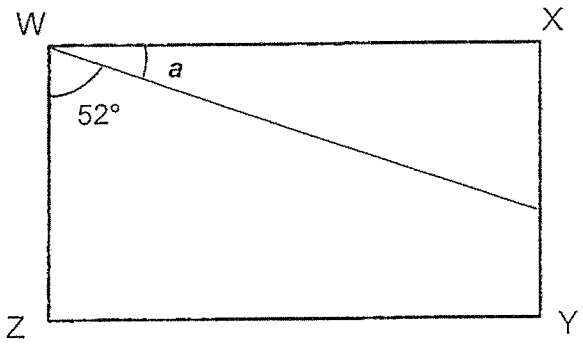
28. Measure and write down the size of $\angle x$.



Ans: _____ °

---

29. WXYZ is a rectangle. Find $\angle a$.



Ans: _____ °

---

30. Find the value of 45 ÷ 7, correct to 2 decimal places.

Ans: _____

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31. The table shows the amounts of donations collected by a charity group from Friday to Monday. The charity group collected $7850 in total. What was the amount collected on Sunday?

Day	Amount Collected
Friday	$ 1257
Saturday	$ 2560
Sunday	?
Monday	$ 934

Ans: $ _____

---

32. Mr Tay packed pens and pencils into boxes for sale. There are 698 boxes in total. Each box contains 11 pens and 6 pencils. How many pens and pencils are there altogether?

Ans: _____

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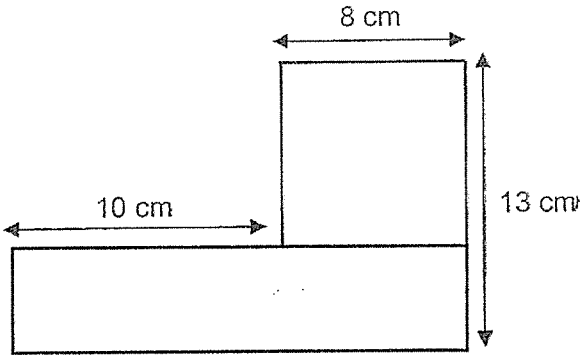
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33. 2 similar spoons and 2 similar mugs cost $27. Each mug costs two times as much as each spoon. How much will 3 such spoons cost?

Ans: $ _____

34. The figure shown is made up of a square and a rectangle. Find the area of the figure.



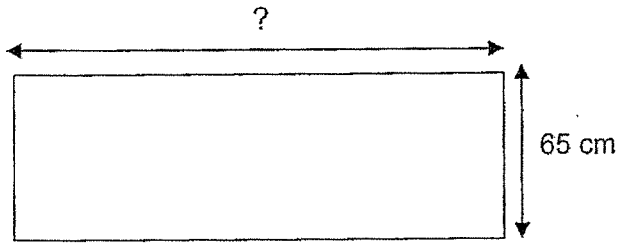
Ans: _____ cm^2

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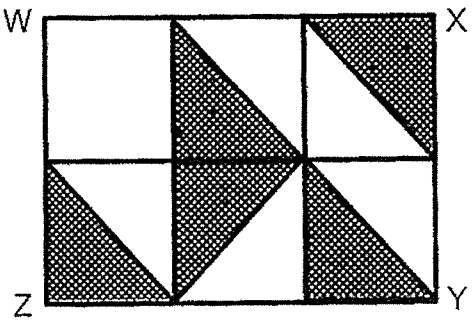
35. The perimeter of a rectangular table is 380 cm. Its breadth is 65 cm. Find its length.



Ans: _____ cm

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36. In the figure below, rectangle WXYZ is made up of 6 unit squares. What fraction of the rectangle WXYZ is shaded?



Ans: _____

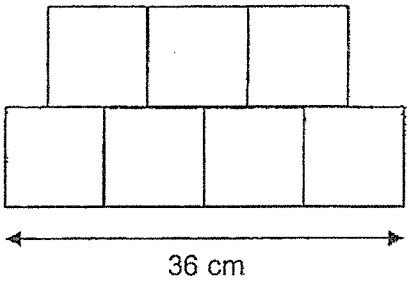
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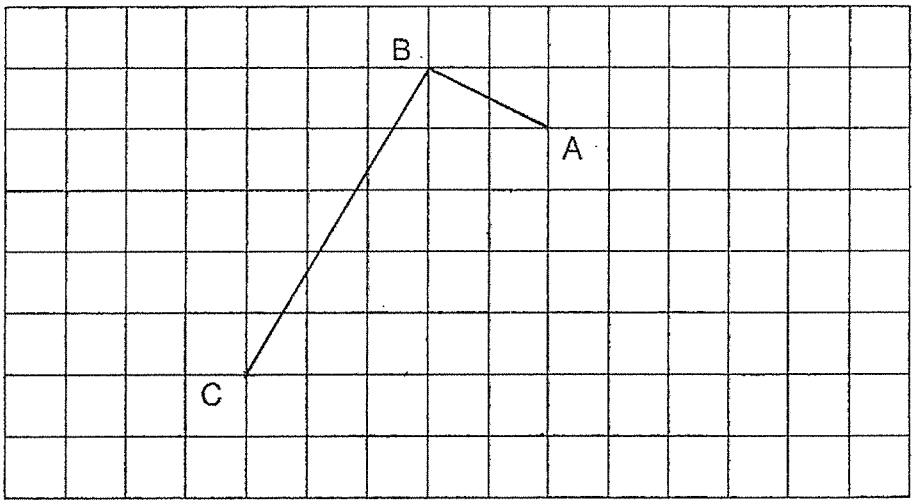
37. The figure below is made up of 7 identical squares.
Find the perimeter of the figure.



Ans: _____ cm

---

38. Line AB and Line BC are drawn in the grid below.
Complete and **label** the rectangle ABCD by drawing 2 more lines.



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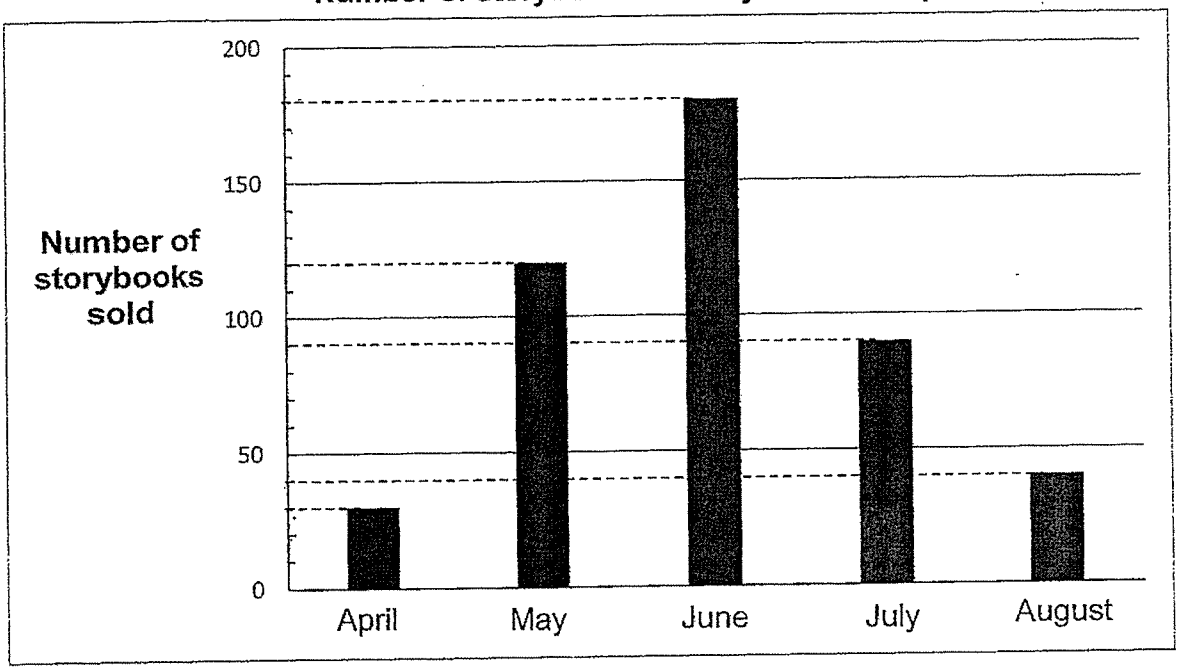
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Study the bar graph shown below carefully.
It shows the number of storybooks sold by a bookshop from April to August.

Use the graph below to answer questions **39** and **40**.

Number of storybooks sold by a bookshop



39. Which month was the sale of the number of storybooks three times the sale of the number of storybooks in April?

Ans: _____

40. What was the difference between the greatest and the least number of storybooks sold in a month?

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. Mr Lim had 2 ropes. The first rope was $\frac{3}{5}$ m long. It was $\frac{1}{4}$ m longer than the second rope.

(a) What was the length of the second rope?

Ans: (a) _____ [2]

(b) What was the total length of the two ropes?

Ans: (b) _____ [2]

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42. Bob and John had a total of $2500 at first.
After Bob spent $180 on a watch and John earned $160 from selling some magazines during the holidays, both boys had the same amount of money at the end. How much money did Bob have at first?

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Ans: _____ [4]

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43. There were 1167 buns in a bakery. During a promotion, every customer who bought 2 buns got an additional bun for free. After 140 customers bought 2 buns each and received their additional free buns, the remaining buns were packed equally into 9 bags. How many buns were there in each bag?

Do not write in this space

Ans: _____ [4]

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44. Mary had $5.20 less than Susan.

After Susan's father gave Susan $10, Susan had 5 times as much money as Mary.

(a) How much money did Mary have?

Ans: (a) _____ [2]

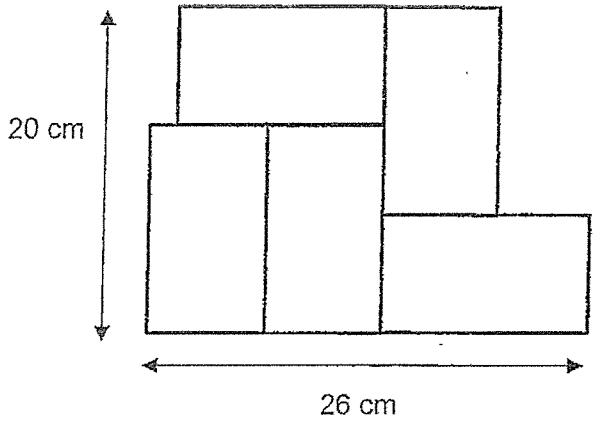
(b) What was the total amount of money both girls had at first?

Ans: (b) _____ [2]

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45. The figure below is made up of 5 identical rectangles. Find the total area of the figure.



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Ans: _____ [4]

END OF BOOKLET B

Have you checked your work carefully?

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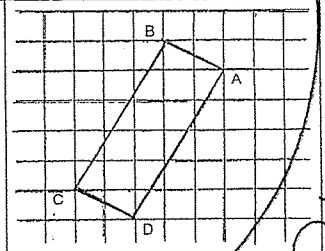
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Booklet A

1.	4	6.	2	11.	3	16.	3
2.	3	7.	4	12.	1	17.	2
3.	3	8.	1	13.	2	18.	2
4.	4	9.	3	14.	2	19.	2
5.	1	10.	2	15.	2	20.	4

Booklet B

No.	Answer	
21.	90 016	
22.	6074	5924 + 150 = 6074
23.	$\frac{1}{12}$	$\frac{11}{12} - \frac{5}{6} = \frac{11}{12} - \frac{10}{12}$ $= \frac{1}{12}$
24.	$1\frac{4}{9}$	$\frac{2}{3} + \frac{7}{9} = \frac{6}{9} + \frac{7}{9}$ $= \frac{13}{9}$ $= 1\frac{4}{9}$
25.	$\frac{1}{8}$	$\frac{8}{8} - \frac{4}{8} - \frac{3}{8} = \frac{1}{8}$
26.	2.19	
27.	0.605 , 0.506 , 0.065	
28.	35° (± 1°)	
29.	38°	90° - 52° = 38°
30	6.43	45 ÷ 7 = 6.428 ≈ 6.43
31.	$3099	$1257 + $2560 + $934 = $4751 $7850 - $4751 = $3099
32.	11 866	11 + 6 = 17 698 × 17 = 11 866
33.	$13.50	$27 ÷ 6 = $4.50 $4.50 x 3 = $13.50

34.	154 cm²	8 x 8 = 64 13 – 8 = 5 18 x 5 = 90 64 + 90 = 154
35.	125 cm	380 – 65 – 65 = 250 250 ÷ 2 = 125
36.	$\frac{5}{12}$	
37.	108 cm	36 ÷ 4 = 9 36 + 9 + 9 = 54 54 x 2 = 108
38.		
39.	July	30 x 3 = 90
40.	150	180 – 30 = 150

No.	Answer
41.	(a) $\frac{3}{5} - \frac{1}{4} = \frac{7}{20}$ The second rope was $\frac{7}{20}$ m long.
	(b) $\frac{3}{5} + \frac{7}{20} = \frac{19}{20}$ The total length of the two ropes was $\frac{19}{20}$ m long.

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No.	Answer
42	$2500 - $180 - $160 = $2160 $2160 ÷ 2 = $1080 $1080 + $180 + $160 = $1420 Bob had **$1420** at first.

No.	Answer
43.	140 × 3 = 420 1167 − 420 = 747 747 ÷ 9 = 83 There were **83** buns in each bag.

No.	Answer
44.	(a) 4U = $10 + $5.20 1U = $15.20 ÷ 4 = $3.80 Mary had **$3.80**
	(b) $3.80 + $3.80 + $5.20 = $12.80 They had **$12.80** at first.

No.	Answer
45.	L + B = 20 L + B + B = 26 B = 26 – 20 = 6 L = 20 – 6 = 14 Area of 1 rectangle = 14 x 6 = 84 Area of figure = 5 x 84 = 420 The area of the figure is **420 cm².**

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