Name : _____( )

Class : **Primary 4 SY / C / G / SE / P**

Mathematics Teachers : AT / JY / ME / KC / DT

SINGAPORE CHINESE GIRLS' SCHOOL
END-OF-YEAR EXAMINATION

PRIMARY 4

23 Oct 2023

MATHEMATICS
(BOOKLET A)

Additional materials:
Optical Answer Sheet (OAS)

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

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 questions.
4. Use a 2B pencil to shade your answers on the Optical Answer Sheet (OAS).
5. The use of calculators in **NOT** allowed.

This booklet consists of 6 printed pages.

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Questions 1 to 15 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) on the Optical Answer Sheet.

(30 marks)

1. The value of the digit 9 in 69 216 is _____.

   (1) 90
   (2) 900
   (3) 9000
   (4) 90 000

2. 70 000 + 1000 + 900 + 5 = _____.

   (1) 71 950
   (2) 71 905
   (3) 71 095
   (4) 70 195

3. Which of the following is a multiple of 5 and 6?

   (1) 11
   (2) 24
   (3) 25
   (4) 30

4. Round 31.76 to the nearest whole number.

   (1) 30
   (2) 31
   (3) 32
   (4) 35

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5. Which of the following figures has perpendicular lines?

(1) M

(2) V

(3) N

(4) H

6. Kaye prepared 48 fruit baskets for a party. There were 21 fruits in each basket. How many fruits were there altogether?

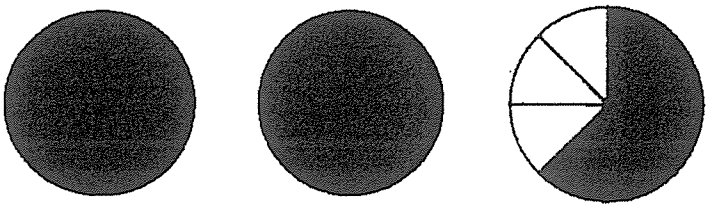
(1) 69
(2) 144
(3) 908
(4) 1008

7. Write $5\frac{7}{20}$ as a decimal.

(1) 5.35
(2) 5.035
(3) 5.7
(4) 5.72

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8. What fraction represents the shaded parts below.



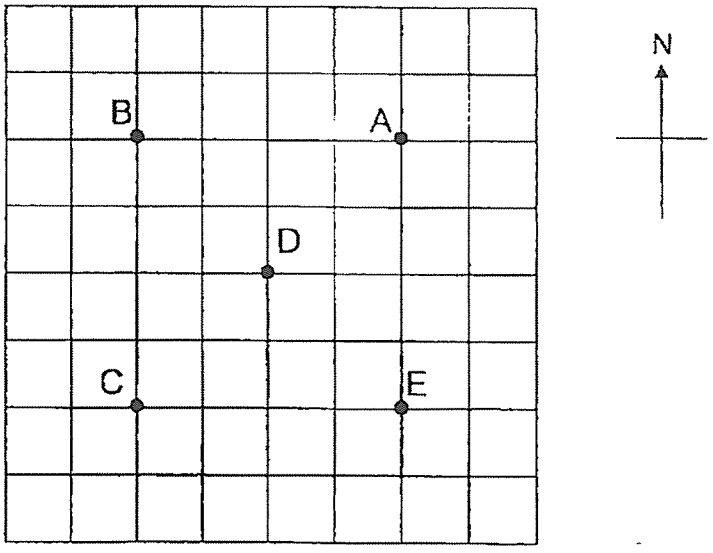
(1) $\frac{13}{8}$

(2) $\frac{15}{8}$

(3) $\frac{19}{8}$

(4) $\frac{21}{8}$

9. The figure shows the position of five towns on a grid map. Which town is north-east of town D?



(1) A

(2) B

(3) C

(4) E

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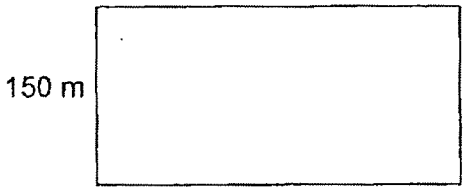
10. Hayley's dance lesson is 2 h 30 min long. It started at 11 45.
What time did it end?

(1) 02 15
(2) 09 15
(3) 13 45
(4) 14 15

11. In a class, 12 pupils take the bus to school. The remaining 28 pupils walk to school. What fraction of the pupils in class walk to school?

(1) $\frac{3}{10}$
(2) $\frac{7}{10}$
(3) $\frac{3}{7}$
(4) $\frac{7}{3}$

12. Chloe jogs 840 m round the rectangular field once. The breadth of the field is 150 m.
What is the length of the field?



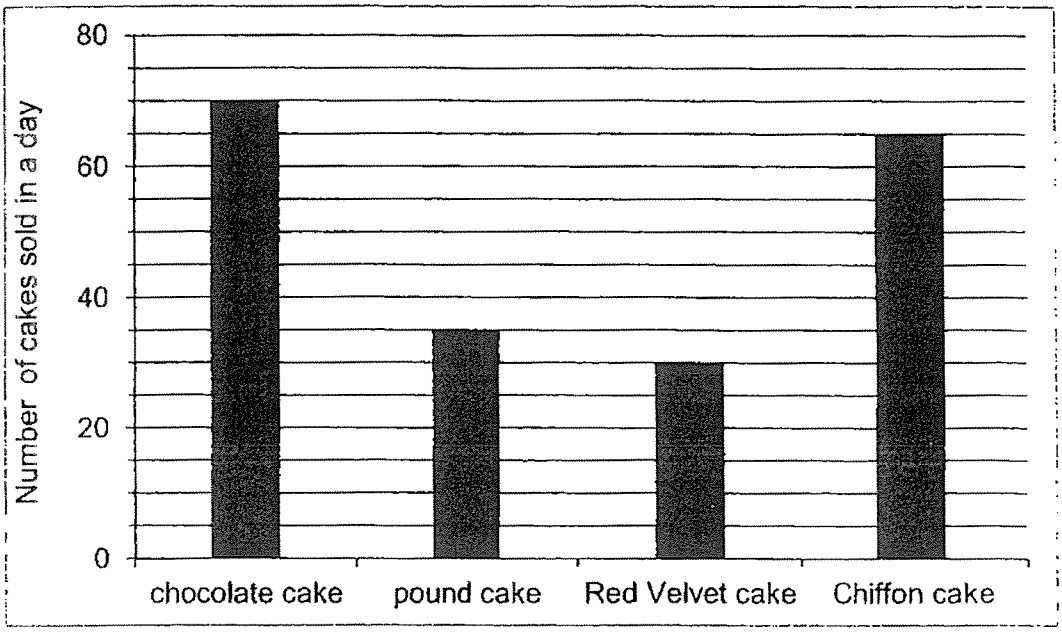
(1) 270 m
(2) 300 m
(3) 540 m
(4) 690 m

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13. Lana is 43.5 kg. Her brother is 5.6 kg lighter than her. What is their total mass?

(1) 37.9 kg
(2) 49.1 kg
(3) 81.4 kg
(4) 92.6 kg

The bar graph below shows the number of types of cake sold on a certain day. Study the graph below carefully and answer Question 14 and Question 15.



14. How many more chocolate cakes were sold more than pound cakes?

(1) 20
(2) 25
(3) 30
(4) 35

15. If 1 chiffon cake costs $12, how much was collected from the sale of chiffon cakes on that day?

(1) $744
(2) $780
(3) $840
(4) $900

END OF BOOKLET A

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Class : Primary 4 SY / C / G / SE / P

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SINGAPORE CHINESE GIRLS' SCHOOL
END-OF-YEAR EXAMINATION

PRIMARY 4

23 Oct 2023

MATHEMATICS
(BOOKLET B)

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

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 questions.
4. Use a dark blue pen to write your answers in the space provided for each question Do not use correction fluid/tape or highlighters.

		Max Mark	Marks attained
Booklet A	Section A	30	
Booklet B	Section B	40	
	Section C	30	
Total Marks		100	

Parent's Signature

This booklet consists of 16 printed pages.

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Section B: (40 marks)

Questions 16 to 35 carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

Do not write in this column

16. Write eleven thousand and thirty-five in figures.

Ans: _____

17. Some factors of 18 are 1, 2, 3 and 18. What are the other two factors of 18?

Ans: _____ and _____

18. What is the remainder when 4279 is divided by 4?

Ans: _____

6

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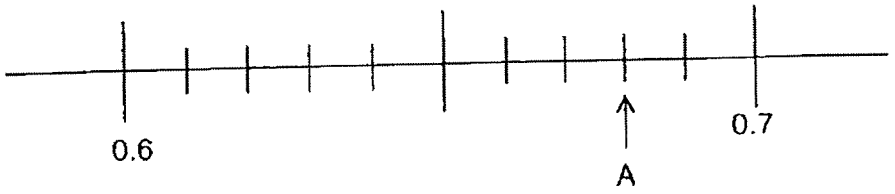
19. Arrange the following numbers from smallest to the greatest.

$\frac{2}{5}$, 0.408, 0.048

_____ , _____ , _____

(smallest) (greatest)

20. Write the decimal represented by A.



Ans: _____

21. 9.3 – 0.77 = _____

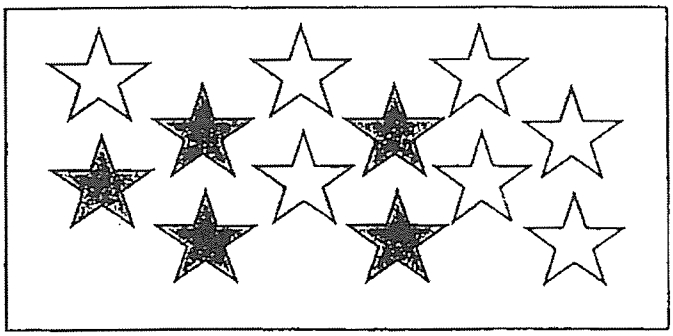
Ans: _____

6

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22. What fraction of the stars are grey in colour?



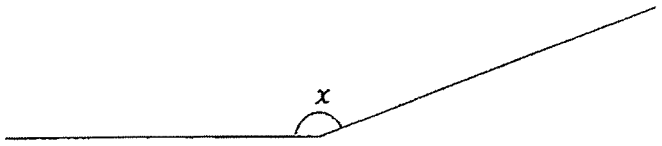
Ans:_____

23. What is the value of $\frac{3}{10} + \frac{4}{5}$?

Express your answer as a mixed number.

Ans:_____

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



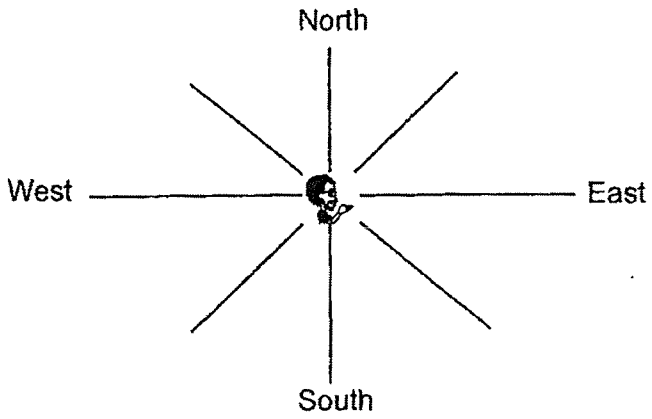
Ans:_____°

6

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25. Tom is facing east at first. If he turns 135° in an anti-clockwise direction. Which direction will he face?



Ans: _____

---

26. A piece of ribbon is 14 m long. Jane used $\frac{3}{7}$ of it.

What was the length of the ribbon left?

Ans: _____ m

---

27. Sera was in school from 07 30 to 14 00.
How long was she in school?

Ans _____ h____ min

6

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Do not write in this column

28. Mrs Tan watched a movie which ended at 01 15. The movie lasted for 2h 30 min. What time did the movie start?
Express your answer in 24h-clock.

Ans _____

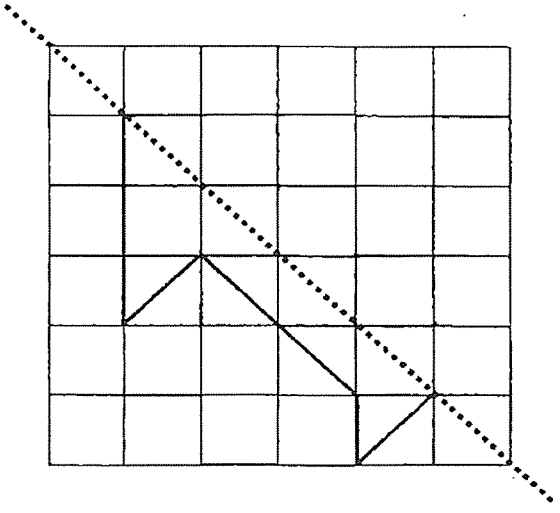
29. The area of a square is 36 cm^2.

Find the perimeter.

Ans: _____ cm

30. Complete the diagram below to form a symmetric figure.

The dotted line is the line of symmetry. Draw the other half.



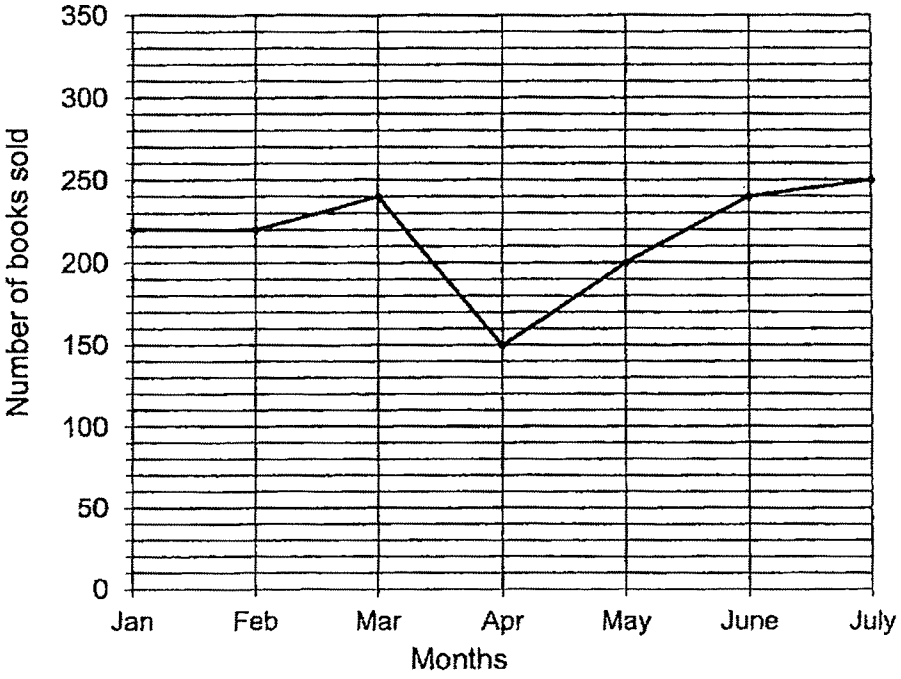
6

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For questions 31, 32 and 33, refer to the line graph below:

The following line graph shows the number of books sold in a bookshop at the end of each month.



31. In which two months were the number of books sold the same?

Ans:_____ and _____

32. What was the difference between the highest and lowest number of books sold?

Ans:_____

33. In which month was the increase in the number of books sold the greatest as compared to the previous month?

Ans: _____

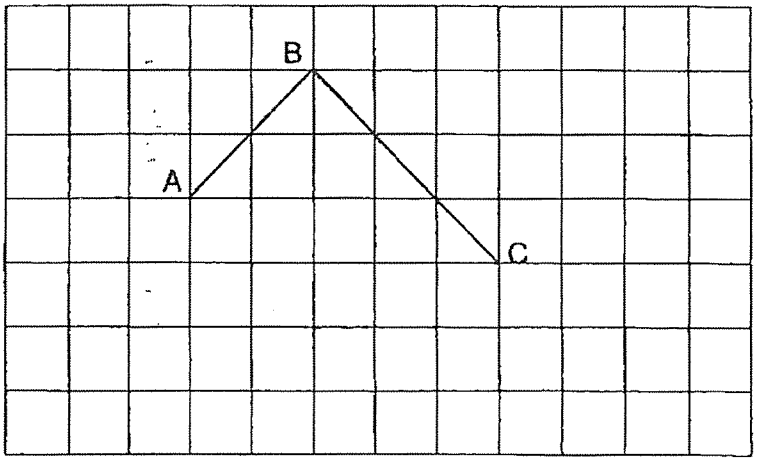
6

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34. Lines AB and BC form part of a rectangle as shown.

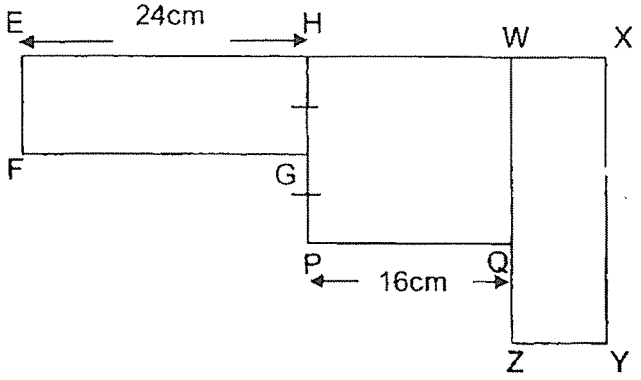
Draw two parallel lines to complete the rectangle.

Do not write in this column



35. 2 identical rectangles and 1 square are used to form the figure below.

EF is $\frac{1}{2}$ of HP. Find the perimeter of the figure given that EH is 24 cm and PQ is 16 cm.



Ans: _____ cm

4

End of Section B

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Section C: (30 marks)

For questions 36 to 43, show your working clearly and write your answer in the spaces provided. The number of marks available is shown in the brackets [ ] at the end of each question or part-question.

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36. During a travel fair, 958 people attended it on the first day.

On the second day, there were 3 times as many people as on the first day.

(a) How many people attended the travel fair on the second day?

(b What is the total number of people who attended the fair for the two days?

Ans: (a) _____ [2]

Ans: (b) _____ [2]

4

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37. Ms Chai bought 3 blouses and 4 skirts for $465.
Each skirt costs $20 more than a blouse.
What is the cost of 1 blouse?

Do not write in this column

Ans: _____ [3]

3

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38. The table below shows the mass of meat sold by a butcher in a day.

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Meat	Mass of meat sold (kg)
Beef	55.5
Mutton	?
Chicken	?
Total	246

a) If the butcher sold twice as much chicken as mutton, what is the mass of the chicken sold?

b) If the cost of 1 kilogram of chicken is $9, what was the total amount collected from the sale of the chicken?

Ans: (a) _____ [2]

Ans: (b) _____ [2]

4

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39. Olivia used $\frac{2}{3}$ kg of sugar. Shannon used $\frac{1}{6}$ kg of sugar more than Olivia. Adele used $\frac{1}{3}$ kg less sugar than Shannon. What was the amount of sugar used by Adele? Express your answer in its simplest form.

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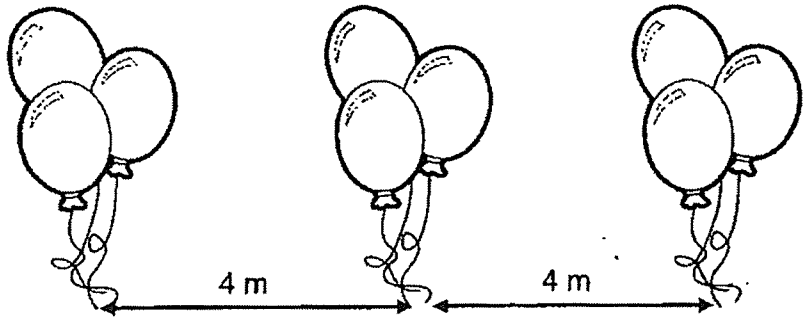
Ans: _____ [3]

3

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40. Eliza places each group of 3 balloons 4 m apart along the corridor. The corridor is 32 m long. How many balloons does Eliza needs in all to decorate the corridor?

Do not write in this column



Ans:_____[4]

4

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41. There are red, blue and yellow balls. $\frac{1}{12}$ of the balls are red. $\frac{1}{2}$ of the balls are blue and the rest of the balls are yellow.

There are 680 more yellow balls than red balls.

How many balls are there altogether?

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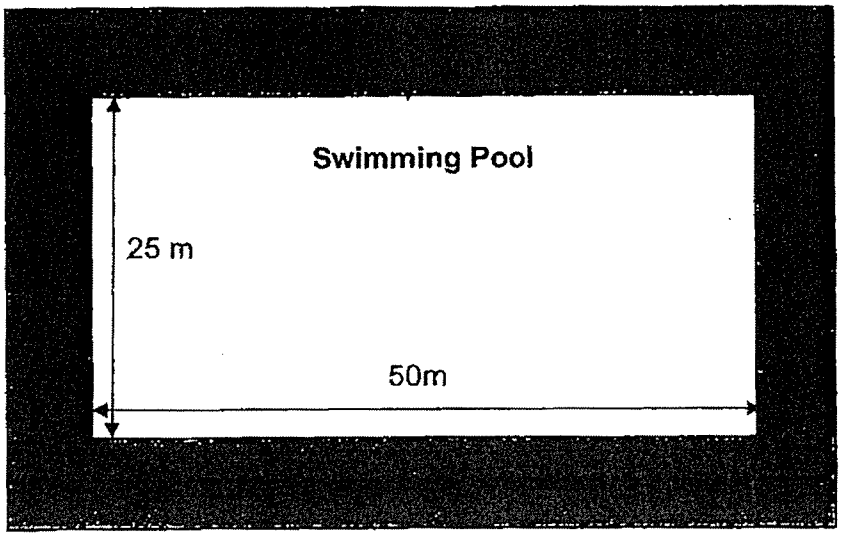
Ans: _____ [4]

4

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42. A swimming pool measures 50 m by 25 m.

Find the area of the pavement around the swimming pool as shown by the shaded part.



Do not write in this column

Ans: _____ [4]

4

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43. Sonya had 7 kg of cherries more than Tara. When Sonya gave away 1.5 kg of cherries and Tara gave away 0.5 kg of cherries, Sonya still had 4 times as much as Tara. How many kilograms of cherries did Tara have at first?

Ans: _____ [4]

4

End of Booklet B

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LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 SA2

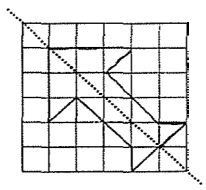
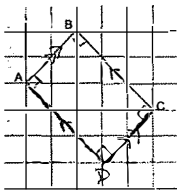
BOOKLET A

Q1	3	Q2	2	Q3	4	Q4	3	Q5	4
Q6	4	Q7	1	Q8	4	Q9	1	Q10	4
Q11	2	Q12	1	Q13	3	Q14	4	Q15	2

BOOKLET B

Q16	11035
Q17	9 and 6
Q18	3
Q19	0.048, $\frac{2}{5}$, *0.408*
Q20	0.68
Q21	8.53
Q22	$\frac{5}{12}$
Q23	$\frac{3}{10} + \frac{4}{5} = \frac{3}{10} + \frac{8}{10} = \frac{11}{10} = 1\frac{1}{10}$
Q24	160°
Q25	North-West
Q26	7u → 14 1u → 14 ÷ 7 = 2 4u → 2x4=8 (Ans : 8m)
Q27	6h 30 min
Q28	22 45
Q29	6x6=36 6x4=24 (Ans: 24 cm)

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Q30	
Q31	Jan to Feb
Q32	250 - 150 = 100
Q33	May
Q34	
Q35	24+32+16+16+24+16+8=144 (Ans: 144 am)
Q36	(a) 1u → 958 3u → 958x3=2874 (Ans) (b) Total Amount → 2874+958=3832 (Ans)
Q37	4 skirts + 3 blouses → \$465 - \$20x4 = \$385 \$385 ÷ 7 = \$55 (Ans)
Q38	Beef → 55.5 3u → 246 - 55.5 = 190.5 1u → 190.5 ÷ 3 = 63.5 (a) 2u → 63.5x2=127.0 (Ans: 127.0 kg) (b) 127.0x9 = 1143.00 (Ans: \$1143.00)
Q39	Oliva → $\frac{4}{6}$ Shannon → $\frac{4}{6} + \frac{1}{6} = \frac{5}{6}$ Adele → $\frac{5}{6} - \frac{2}{6} = \frac{3}{6} = \frac{1}{2}$ *(Ans:* $\frac{1}{2}$ *kg)*
Q40	32 ÷ 4 = 8 8+1=9 9x3=27

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Q41	4u --→ 680 12u ⟶ 680 x 3 = 2040
Q42	Length of pavement ⟶ 50+4+4=58 Breath of pavement --→ 25+6+6=37 Area of big square --→ 58x37=2146 Area of small square ⟶ 50x25=1250 Area of pavement --→ 2146-1250=896 (Ans: 896 m^2)
Q43	7u --→ 1.5 3u --→ 5.5 + 0.5 = 6 1u ⟶ 6 ÷ 3 = 2 Tara --→ 2 + 0.5 = 2.5 (Ans: 2.5 kg)

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