Anglo-Chinese School (Junior)

END-OF-YEAR EXAMINATION (2024)

PRIMARY 4
MATHEMATICS
Booklet A

28 October 2024

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

Name: _____( ) Class: 4.( )

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 is **NOT** allowed.

This booklet consists of 10 printed pages.

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Section A

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 (OAS). (40 marks)

1. The value of the digit 9 in 79 413 is _____.

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

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

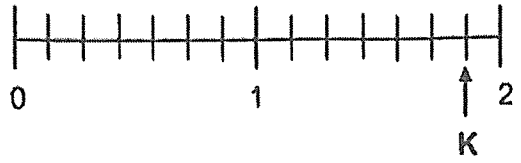
   1) $\frac{5}{3}$
   2) $\frac{3}{5}$
   3) 5
   4) 15

3. In which of the following does the digit 4 stand for 4 tenths?

   1) 14.52
   2) 23.47
   3) 31.24
   4) 46.07

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4. Which mixed number is represented by K in the number line shown?



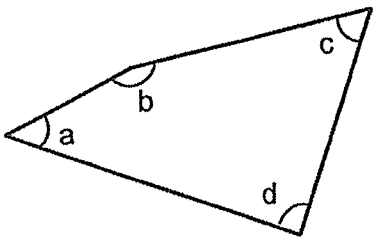
1) $1\frac{1}{7}$

2) $1\frac{6}{7}$

3) $2\frac{1}{7}$

4) $2\frac{6}{7}$

5. Which angle is greater than a right angle?



1) ∠ a

2) ∠ b

3) ∠ c

4) ∠ d

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6. Which number when rounded to the nearest ten becomes 37 500?

1) 37 444

2) 37 496

3) 37 506

4) 37 554

7. Perry watched a movie which lasted 145 minutes. The movie started at 11 00. At what time did the movie end?

1) 00 45

2) 01 25

3) 12 45

4) 13 25

8. Which one of the following is the same as 50 063?

1) 500 + 6 + 3

2) 5000 + 60 + 3

3) 50 000 + 60 + 3

4) 50 000 + 600 + 3

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9. The perimeter of a square tile is 100 cm. What is the length of each side of the square tile?

1) 10 cm

2) 25 cm

3) 50 cm

4) 96 cm

10. The table below shows the number of families in a condominium keeping a certain number of pets.

Number of pets	0	1	2	3	4
Number of families	12	28	15	7	3

How many families keep 2 pets or more?

1) 10

2) 15

3) 25

4) 65

11. The first common multiple of 2 and 9 is also a multiple of _____.

1) 6

2) 7

3) 8

4) 16

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12 83 tenths – 37 hundredths = _____

1) 0 46

2) 4 6

3) 7 93

4) 82.63

13. Mrs Fong bought 8 identical packets of milk. After she used 5 packets of milk to make some cakes, she had 3.15 ℓ of milk left How many litres of milk did she buy?

1) 5 04 ℓ

2) 8 4 ℓ

3) 9 ℓ

4) 9.45 ℓ

14. Sam took $\frac{3}{4}$ h to complete a jigsaw puzzle. His sister was $\frac{1}{6}$ h faster than him to complete the same jigsaw puzzle. How long did his sister take to complete the jigsaw puzzle?

1) $\frac{4}{10}$ h

2) $\frac{7}{12}$ h

3) $\frac{11}{12}$ h

4) $\frac{11}{24}$ h

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12. 83 tenths – 37 hundredths = _____

1) 0.46

2) 4.6

3) 7.93

4) 82.63

13. Mrs Fong bought 8 identical packets of milk. After she used 5 packets of milk to make some cakes, she had 3.15 ℓ of milk left. How many litres of milk did she buy?

1) 5.04 ℓ

2) 8.4 ℓ

3) 9 ℓ

4) 9.45 ℓ

14. Sam took $\frac{3}{4}$ h to complete a jigsaw puzzle. His sister was $\frac{1}{6}$ h faster than him to complete the same jigsaw puzzle. How long did his sister take to complete the jigsaw puzzle?

1) $\frac{4}{10}$ h

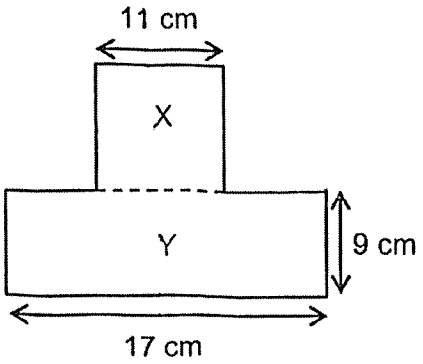
2) $\frac{7}{12}$ h

3) $\frac{11}{12}$ h

4) $\frac{11}{24}$ h

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15. The figure below is made up of a square X and a rectangle Y.
What is the perimeter of the figure?



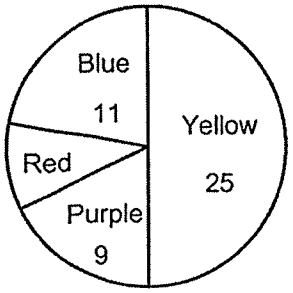
1) 52 cm

2) 63 cm

3) 74 cm

4) 85 cm

16. The pie chart below shows the number of points scored by 4 teams in a game.



The Yellow Team scored half of the total number of points. What fraction of the total number of points were scored by the Red Team?

1) $\frac{1}{5}$

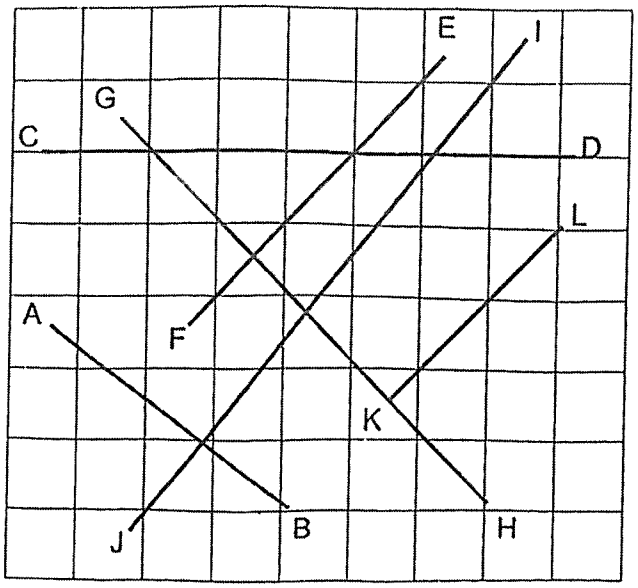
2) $\frac{1}{9}$

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

4) $\frac{1}{10}$

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17. Which pair of lines in the square grid is parallel?



1) GH // IJ

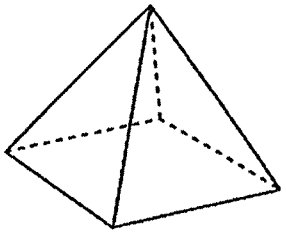
2) GH // AB

3) EF // KL

4) EF // IJ

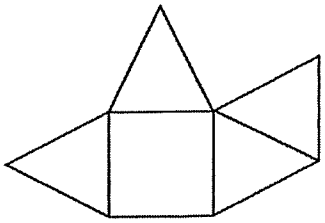
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18. The figure below shows a pyramid.

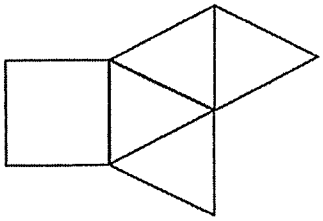


Which of the following is **not** a net of the pyramid?

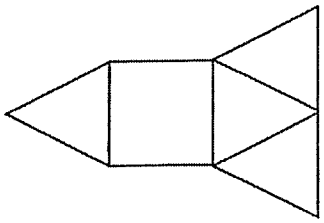
1)



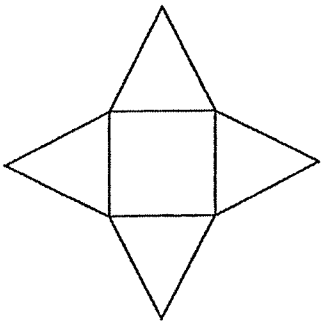
2)



3)



4)



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19. Annie had 56 fewer marbles than Tom. She gave Tom 12 marbles. How many more marbles did Tom have than Annie in the end?

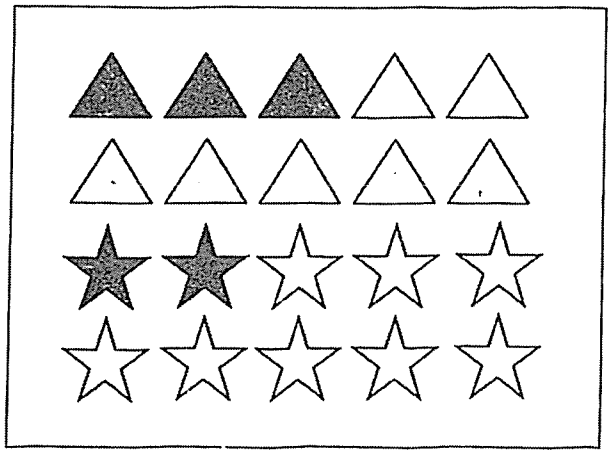
1) 32

2) 44

3) 68

4) 80

20. There are 10 triangles and 10 stars in the figure shown below. 3 of the triangles and 2 of the stars are shaded. How many **more** triangles and stars must be shaded so that $\frac{3}{5}$ of the shapes are shaded and there is an equal number of shaded triangles and stars?



1) 2 triangles and 3 stars

2) 3 triangles and 4 stars

3) 4 triangles and 3 stars

4) 6 triangles and 6 stars

End of Booklet A

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Anglo-Chinese School (Junior)

END-OF-YEAR EXAMINATION (2024)

PRIMARY 4
MATHEMATICS
Booklet B

28 October 2024

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

Name: _____( ) Class: 4.( )

Parent's Signature:_____

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 or black ballpoint pen to write your answers in the space provided for each question.
5. Do not use correction fluid/tape or highlighter.
6. The use of calculators is **NOT** allowed.

Booklet	Section	Possible Marks	Marks Obtained
A	A	40	
B	B	40	
	C	20	
Total		100	

This question paper consists of 16 printed pages and 1 blank page.

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Section B

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

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

3406 , 3046 , 3604

_____ , _____ , _____
(smallest) *(greatest)*

22. Which two of the fractions below are smaller than $\frac{1}{2}$?

$\frac{2}{4}$, $\frac{3}{7}$, $\frac{4}{9}$, $\frac{6}{11}$

_____ and _____

23. Round 26.55 to the nearest whole number.

Sub-Total :

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24. $0.9 = \frac{9}{\square}$

What is the missing number in the box?

25. Find the value of 4.79×8.

26. What is the value of $\frac{5}{9} + \frac{2}{3}$?

Express your answer as a mixed number.

Sub-Total :

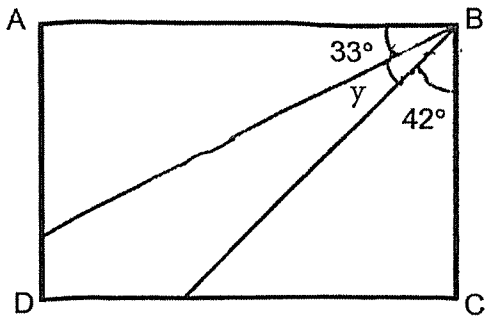
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27. Some factors of 32 are 1, 2, 4 and 32. What are the other two factors of 32?

_____ and _____

28. What is the remainder when 2107 is divided by 9?

29. ABCD is a rectangle. Find $\angle y$.

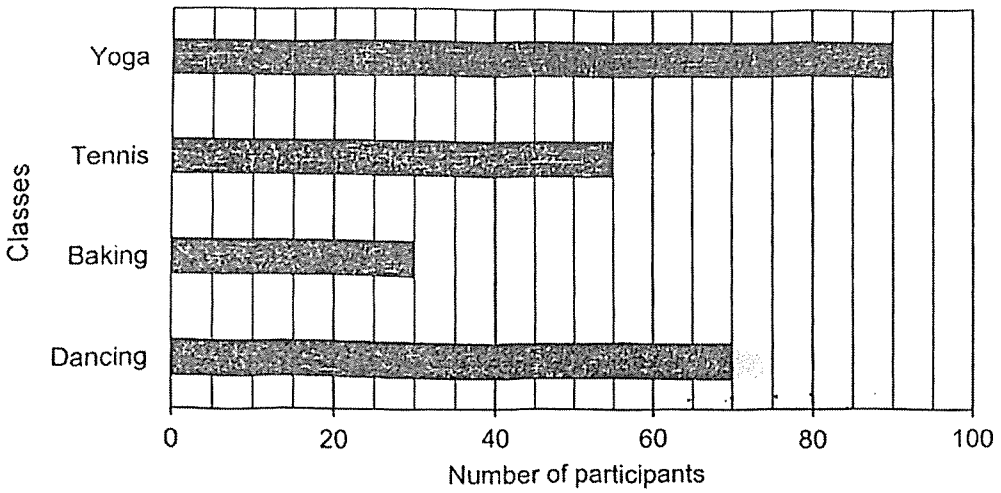


o

Sub-Total :

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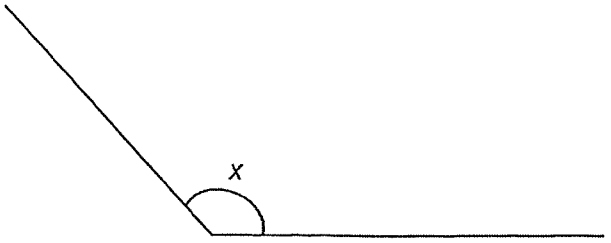
30. The bar graph shows the number of participants who signed up for 4 different types of classes at a community club.



Study the bar graph and complete the table below.

Classes	Dancing	Baking	Tennis	Yoga
Number of participants				

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



o

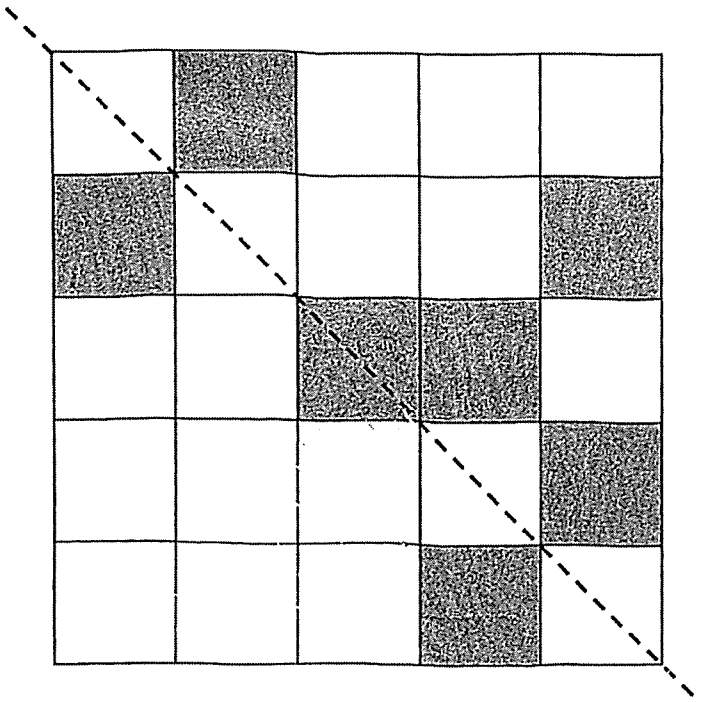
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32. Mr Li went for a hike at a park connector. The hike started at 7:15 am and ended at 2:35 pm on the same day. How long was the hike?
Give your answer in hours and minutes.

_____ h _____ min

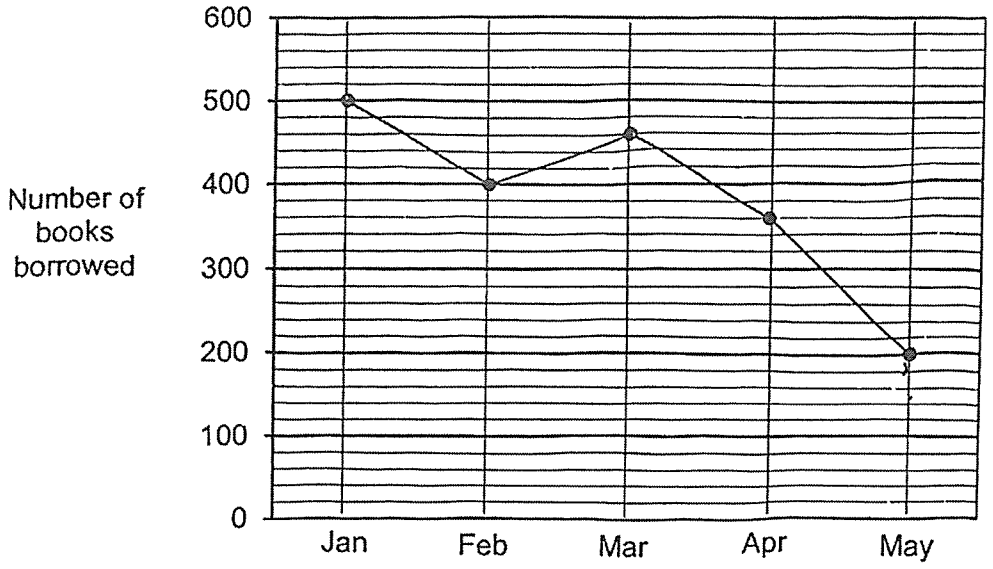
33. The dotted line is the line of symmetry. Complete the figure by shading **2 more** squares to make it symmetric.



Sub-Total :

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34. The line graph shows the number of fiction and non-fiction books borrowed by the students in a school from January to May.



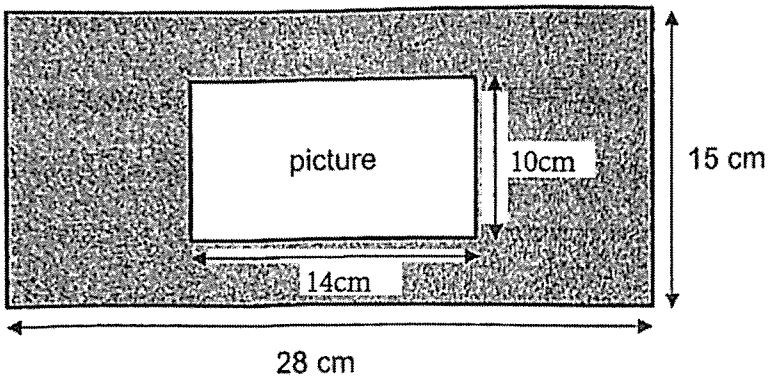
Each of the statements below is either true, false or not possible to tell from the information given above. For each statement, put a tick (✓) to indicate your answer.

Statement	True	False	Not possible to tell
(a) The number of books borrowed in May was twice the number of books borrowed in February.			
(b) More fiction books were borrowed in April than in March.			
(c) The decrease in the number of books borrowed during a one-month period was the greatest from April to May.			

Sub-Total :

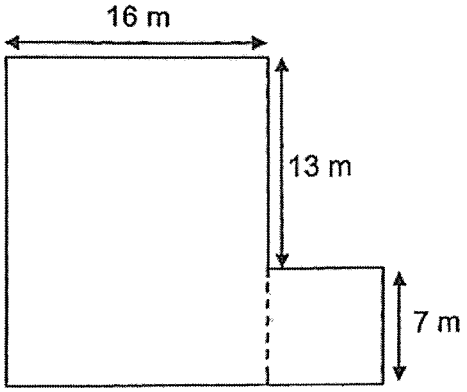
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35. A rectangular photo frame measures 28 cm by 15 cm. A picture measuring 14 cm by 10 cm is being mounted onto the photo frame. What is the area of the photo frame that is not covered by the picture?



cm²

36. The figure below is made up of a rectangle and a square. Find the area of the figure.

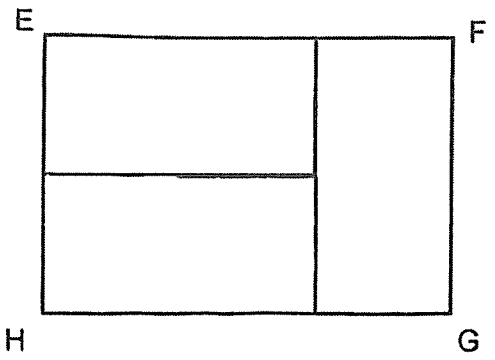


m²

Sub-Total :

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37. The figure EFGH is made up of 3 identical rectangles.
The perimeter of figure EFGH is 200 cm. Find the length of FG.



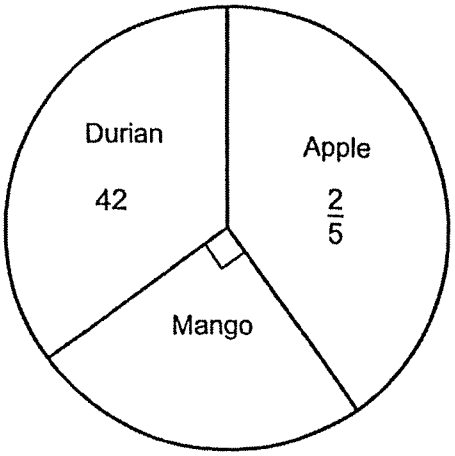
cm

38. Ellen had some sweets. She gave $\frac{1}{5}$ of the sweets to her sister and 38 sweets to her classmates. In the end, she had 14 sweets left. How many sweets did she give to her sister?

Sub-Total :

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39. A group of students was asked to choose one fruit from Apple, Mango and Durian. The pie chart represents the students' choices.



a) What fraction of the students chose Durian?

b) What was the total number of students in the group?

Sub-Total :

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40. Sophia had 14 more two-dollar notes than five-dollar notes at first. She exchanged $20 worth of five-dollar notes for two-dollar notes of the same value. After the exchange, how many more two-dollar notes than five-dollar notes did Sophia have?

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Section C

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)

---

41. Mrs Ang bought some highlighters. $\frac{7}{12}$ of the highlighters were yellow and $\frac{1}{6}$ of them were pink. The rest of the highlighters were blue.

a) What fraction of the highlighters were blue?

Ans: (a) _____ [1]

b) Mrs Ang bought 116 more yellow highlighters than blue highlighters. How many highlighters did she buy altogether?

Ans: (b) _____ [3]

Sub-Total : ☐

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42. Mr Tan and Mr Lim had $250 in total. Mr Tan and Mr Goh had $430 in total. Mr Goh had 4 times as much money as Mr Lim. How much money did Mr Tan have?

Ans: _____ [4]

Sub-Total : [ ]

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43. Mrs Toh bought 4 identical bowls and 3 identical cups for $36.05. Each bowl cost $2.45 more than each cup. What was the cost of one bowl?

Ans: _ _____ [4]

Sub-Total :

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44. A ruler costs $1.70 at a bookshop. A customer can also buy a pack of 6 rulers for $9.50. Mr Han wants to buy 45 such rulers. What is the least amount of money that Mr Han will need to spend on the rulers?

Ans: _____ [4]

Sub-Total :

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45. Alice and Bob had an equal number of stickers at first. Both of them gave away some stickers. Alice gave away 3 times as many stickers as Bob. In the end, Alice had 47 stickers left and Bob had 101 stickers left. How many stickers did Bob have at first?

Ans: _____ [4]

End of Booklet B

Sub-Total : [ ]

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SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : SA2

BOOKLET A

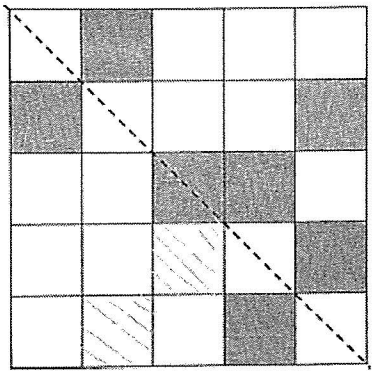
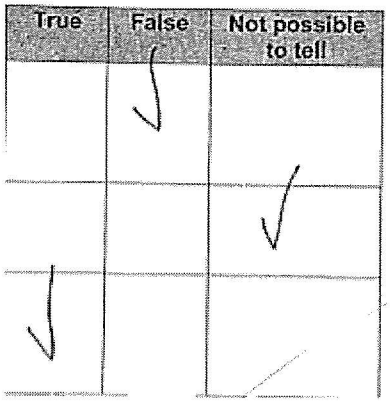
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	2	2	2	2	2	3	2	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	3	2	2	3	4	3	1	4	2

BOOKLET B

Q21	3046, 3406, 3604
Q22	$\frac{4}{9}$ and $\frac{3}{7}$
Q23	27
Q24	10
Q25	38.32
Q26	$1\frac{2}{9}$
Q27	16 and 8
Q28	1
Q29	15
Q30	70, 30, 55, 90
Q31	131
Q32	7h 20min

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Q33	
Q34	
Q35	**280**
Q36	**369**
Q37	**40**
Q38	**13**
Q39	**(a)** $\frac{7}{20}$ **(b) 120**
Q40	**28**

SECTION C

Q41	**(a)** $\frac{12}{12} - \frac{7}{12} - \frac{1}{6} = \frac{3}{12} = \frac{1}{4}$ **(b) 7u - 3u = 4u** **4u = 116** **1u = 116 ÷ 4 = 29** **12u = 29 x 12 = 348**

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Q42	**3u = 430 - 250 = 180** **1u = 60** **250 - 60 = 190**
Q43	**$2.45 x 3 = $7.35** **7u = $36.05 + $7.35 = $43.40** **1u = $6.20**
Q44	**45 ÷ 6 = 7R3** **$9.50 x 7 = $66.50** **$1.70 x 3 = $5.10** **$66.50 + $5.10 = $71.60**
Q45	**2u = 101 - 47 = 54** **1u = 54 ÷ 2 = 27** **27 + 101 = 128**

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