Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2022)

PRIMARY 4

MATHEMATICS

Booklet A

Tuesday **10 May 2022** **1 h 45 min**

Name: _____ ( ) Class: 4.( )

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 20 questions in this booklet.

4 Answer ALL questions.

5 Shade your answers in the Optical Answer Sheet (OAS) provided.

This question paper consists of 10 printed pages (inclusive of cover page).

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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. In 65 708, the value of the digit 7 is_____.

   1) 100
   2) 700
   3) 1000
   4) 7000

2. Which one of the following is **not** a factor of 36 and 48?

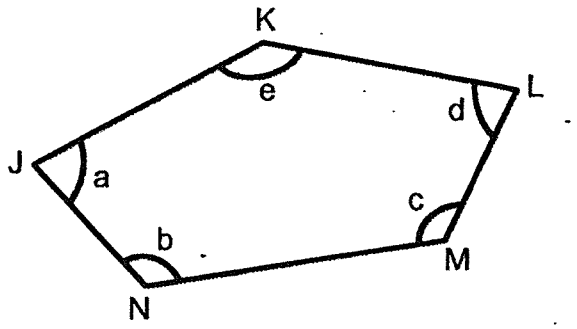
   1) 6
   2) 8
   3) 3
   4) 4

3. Tim bought 38 bags of cookies. There were 9 cookies in each bag.
   How many cookies did Tim buy?

   1) 29
   2) 47
   3) 272
   4) 342

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4. Which one of the following is another way to name ∠b?



1) ∠N
2) ∠JNL
3) ∠KNL
4) ∠MNJ

5. Round 12 478 to the nearest ten.

1) 12 400
2) 12 470
3) 12 480
4) 12 500

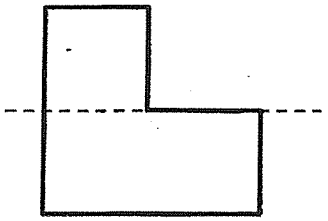
6. How many hours and minutes are there in 215 minutes?

1) 1 h 55 min
2) 2 h 15 min
3) 3 h 35 min
4) 4 h 25 min

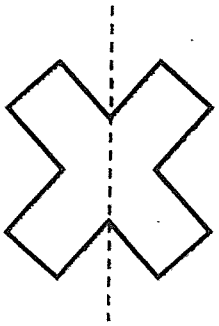
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7. Which of the dotted lines below is a line of symmetry?

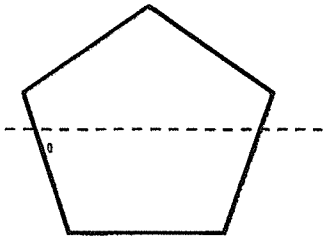
1)



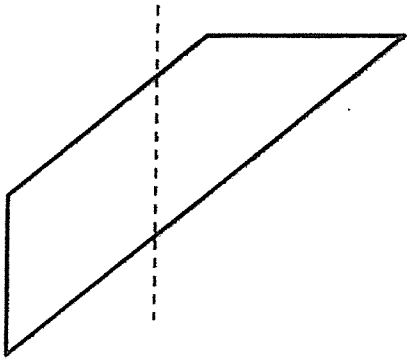
2)



3)

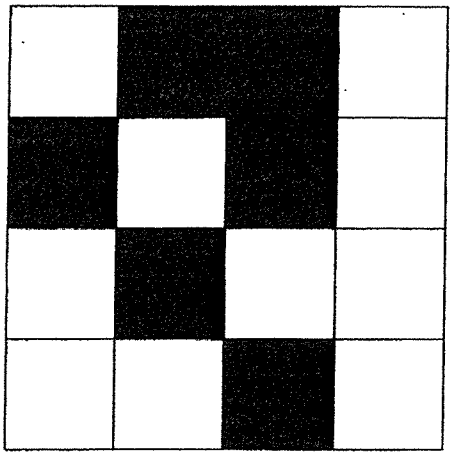


4)



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8. The figure below is made up of identical squares. What fraction of the figure is shaded?



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

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

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

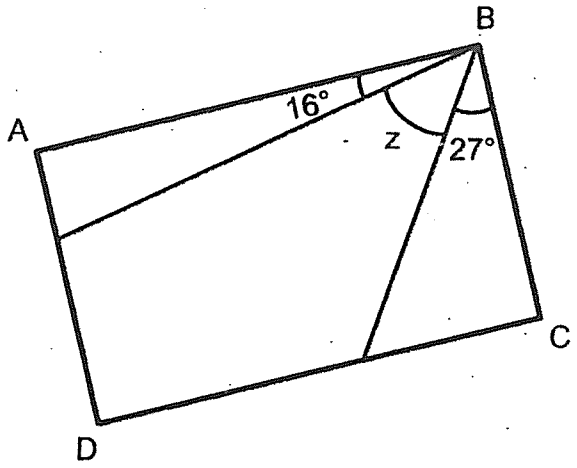
4) $\frac{8}{3}$

9. What is the difference between \$82 and \$11.25?

1) \$70.75
2) \$71.25
3) \$93.25
4) \$93.75

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10. ABCD is a rectangle. Find ∠z.



1) 43°
2) 47°
3) 63°
4) 74°

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

5235, 5030, 4825, _____, 4415, 4210

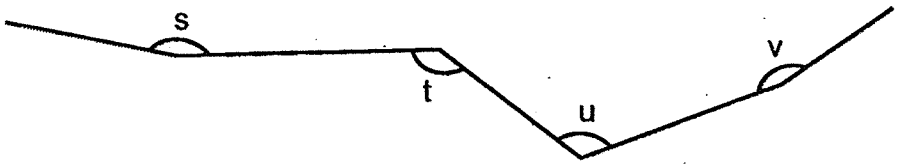
1) 4620
2) 4625
3) 4800
4) 4823

12. Which one of the following statements is **correct**?

1) 43 is a multiple of 6
2) 56 is a common multiple of 4 and 7
3) 27 is the first common multiple of 3 and 9
4) 16 and 40 are common multiples of 5 and 8

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13. Which one of the following marked angles shows an angle of 122°?



1) ∠s
2) ∠t
3) ∠u
4) ∠v

14. The table below shows the mass of books owned by four children.

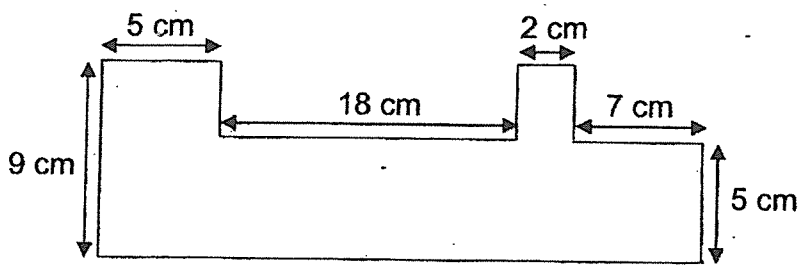
Alisha's books	3 kg 79 g
Cath's books	3 kg 8 g
Elijah's books	3 kg 548 g
Jasmin's books	3509 g

Whose books are the heaviest?

1) Alisha
2) Cath
3) Elijah
4) Jasmin

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15. What is the perimeter of the following figure?



1) 62 cm
2) 78 cm
3) 82 cm
4) 90 cm

16. Kenny coloured $\frac{1}{3}$ of a picture. Aakash coloured $\frac{1}{12}$ of the same picture. What fraction of the picture did they colour altogether?

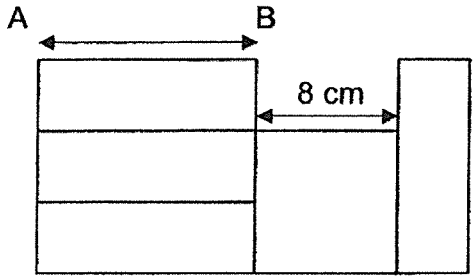
1) $\frac{1}{3}$
2) $\frac{1}{6}$
3) $\frac{5}{12}$
4) $\frac{2}{15}$

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17. Jimmy left home at 5.35 p.m. for a concert at the concert hall. He took 1 h 35 min to reach the concert hall but was 15 min late for the concert. What time did the concert start?

1) 6.40 p.m.
2) 6.55 p.m.
3) 7.10 p.m.
4) 7.25 p.m.

18. The figure below is made up of four identical rectangles and a square. AB is the length of the rectangle. What is the length of AB?



1) 8 cm
2) 12 cm
3) 16 cm
4) 20 cm

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19. A group of 78 children wants to take a ride together on the ferris wheel. Each cabin can carry at most 5 children. What is the least number of cabins needed for all the children to take the ride?

1) 16
2) 15
3) 14
4) 13

20. Alex did 38 push ups on the first day of his training. Each day he did 4 more push ups than the previous day. On the last day of his training, he did 74 push ups. How many days was his training?

1) 8
2) 9
3) 10
4) 11

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 1 (2022)

PRIMARY 4

MATHEMATICS

Booklet B

Tuesday **10 May 2022** **1 hr 45 min**

Name: _____ ( ) Class: 4.( ) Parent's Signature:_____

INSTRUCTIONS TO PUPILS

1 Do not turn over the pages until you are told to do so.

2 Follow all instructions carefully.

3 There are 25 questions in this booklet.

4 Answer ALL questions.

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

This question paper consists of 15 printed pages (inclusive of cover 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)

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21. Write fifty-nine thousand and twenty-five in numerals.

22. What are the common factors of 33 and 54?

23. Find the value of 853 x 47.

Sub-Total :

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24. How many right angles make a $\frac{1}{2}$ - turn?

25. Arrange the numbers below from the greatest to the smallest.

67 023, 60 723, 67 032, 62 703

_____, _____, _____, _____

(greatest) (smallest)

26. The product of 7 and a number is 4396. What is the number?

Sub-Total :

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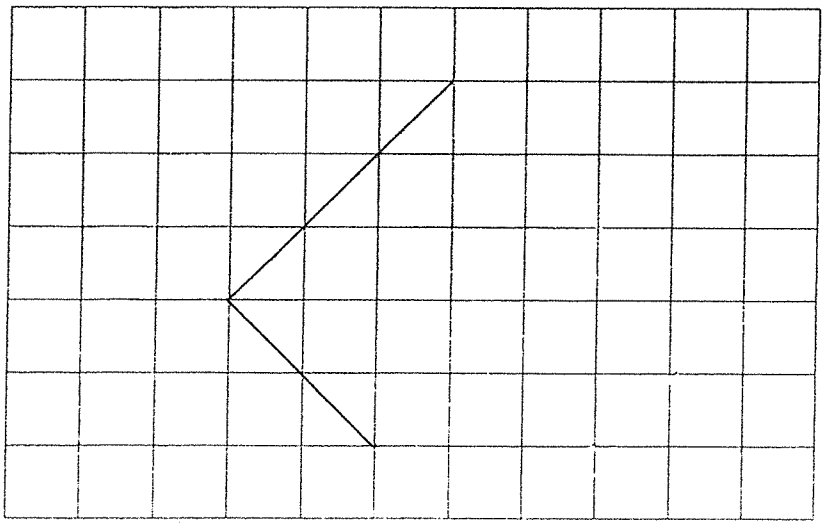
27. ? ÷ 6 = 1567 R3

What is the number?

28. Mr Lim spent $678 in January. The amount he spent in January is 3 times as much as he spent in February. How much did Mr Lim spend in February?

$

29. Draw a rectangle from the given lines.



Sub-Total :

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30. Find the sum of all the factors of 12.

31. Use the digits 3, 4, 7, 8 to form the greatest 4-digit even number. What is the remainder when you divide this 4-digit even number by 5?

32. Mrs Chan had some red pens and 57 green pens. After she gave away 16 red pens and 4 green pens, she had 120 pens left. How many red pens did she have at first?

Sub-Total :

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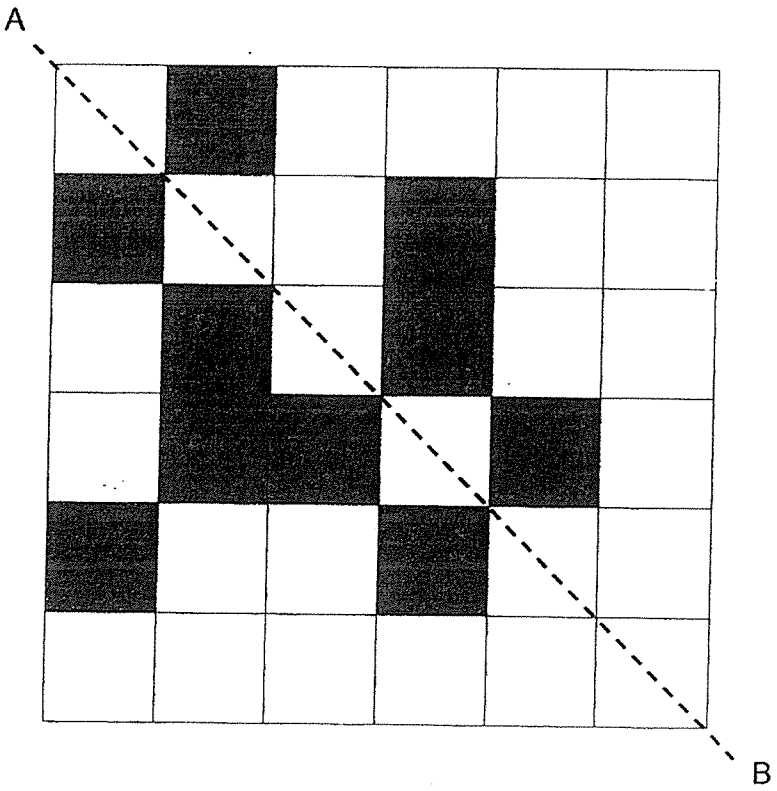
33. Arrange the fractions in order, beginning with the smallest.

$$\frac{3}{7} \quad , \quad \frac{5}{6} \quad , \quad \frac{4}{11}$$

_____ , _____ , _____

Smallest

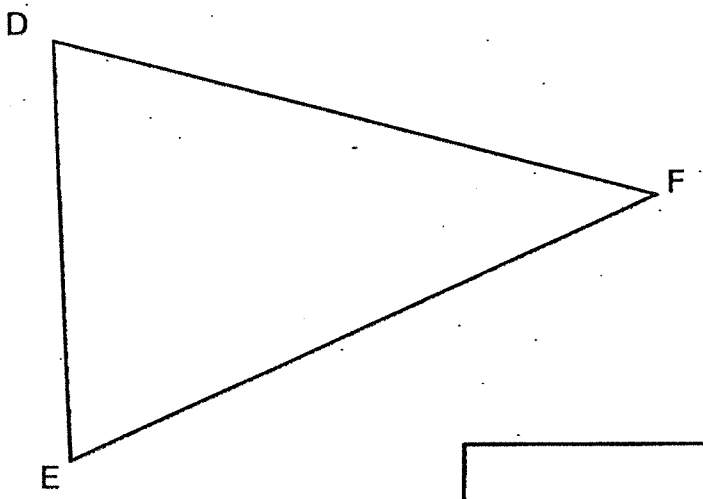
34. The dotted line in the figure below is a line of symmetry. Shade 2 squares to make a symmetric figure with AB as the line of symmetry.



Sub-Total :

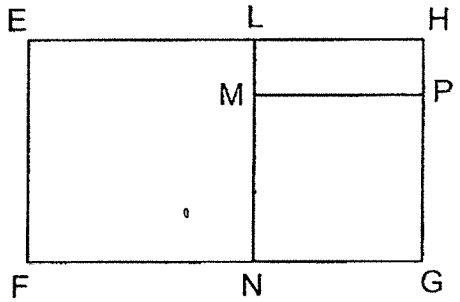
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35. In the figure below, measure and write down the size of ∠DEF.



o

36. The figure is made up of a rectangle LMPH and 2 squares, EFNL and MNGP. The length of EH is 35 cm. The length of GP is 16 cm. Find the length of HP.



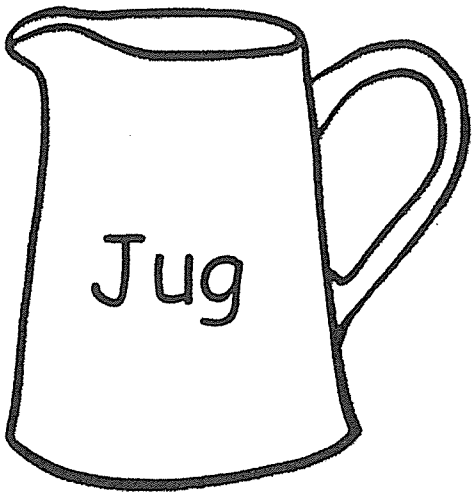
cm

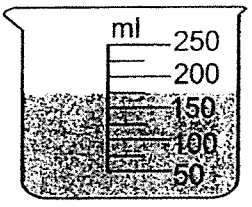
Sub-Total :

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37. Ravi is 16 years younger than Samuel now. In 5 years' time, Samuel will be twice of Ravi's age. How old is Ravi now?

38. The pictures below show an empty jug and a measuring cup. The measuring cup contains some orange juice.





measuring cup

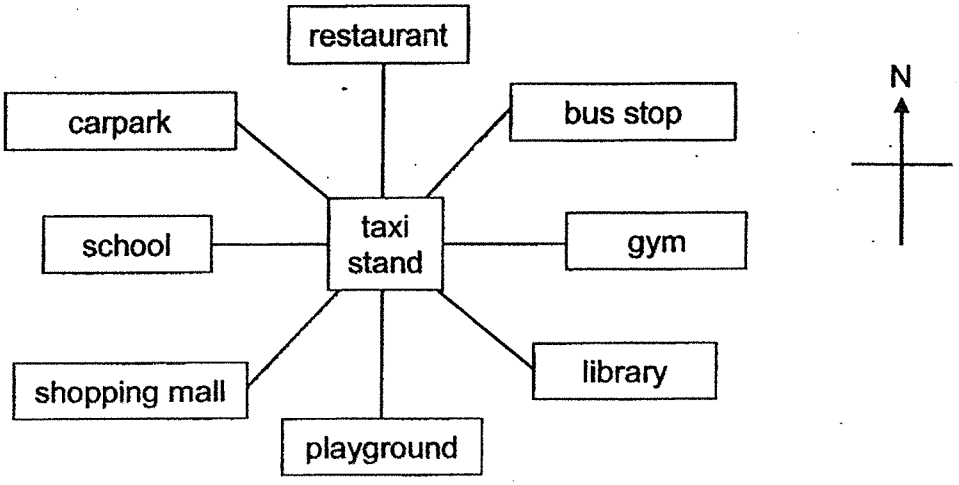
The jug has a capacity of 1225 ml. Aaron poured all the orange juice from the measuring cup into the empty jug. How much more orange juice did Aaron need to completely fill the jug? Give your answer in litres and millilitres.

_____ ℓ _____ ml

Sub-Total :

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39. Look at the diagram below and answer the question.

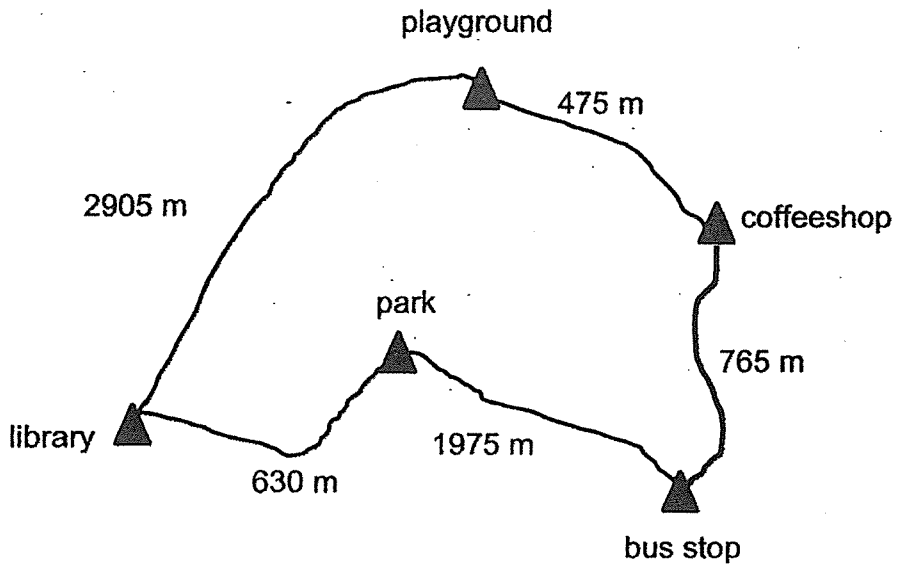


Roy is standing at the taxi stand facing the south-west direction at first. He makes a 225° anti-clockwise turn. Then, he makes a 45° clockwise turn. Where is Roy facing in the end?

Sub-Total :

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40. Study the picture below.



Dylan wants to take the shortest route from the coffeeshop to the library.

How far does he have to walk?

m

Sub-Total :

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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)

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41. There were 1984 red beads in a box. There were 80 more blue beads than red beads. All the beads were packed equally into 8 containers. How many beads were there in each container?

Ans: _____ [4]

Sub-Total : [ ]

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42. Tony sold 55 chocolate and blueberry cupcakes. Each chocolate cupcake cost $4 and each blueberry cupcake cost $6. The total amount he collected from selling all the cupcakes was $290. How many blueberry cupcakes did he sell?

Ans: _____ [4]

Sub-Total : ☐

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43. Amy has $416. She has 4 times as much money as Ben. How much money must Amy give to Ben so that both of them have an equal amount of money?

Ans: _____ [4]

Sub-Total :

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44. Mr Wee had 2 identical tanks and 6 identical buckets of water which can hold 526 litres of water in total. A tank can hold 59 more litres of water than a bucket. How much water can a bucket hold?

Ans: _____ [4]

Sub-Total : [ ]

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45. James and Paul had an equal number of stickers at first. After James bought 108 stickers and Paul gave away 34 stickers, James had 3 times as many stickers as Paul. How many stickers did James have at first?

Ans: _____ [4]

End of Booklet B

Sub-Total : ☐

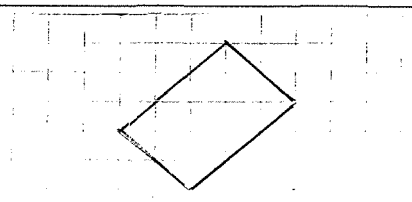
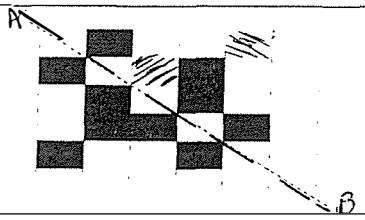
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YEAR : 2022
LEVEL : PRIMARY 4
SCHOOL : ANGLO CHINESE SCHOOL (JUNIOR)
SUBJECT : MATHEMATICS
TERM. : SEMESTRAL ASEESMENT 1

(BOOKLET A)

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

(BOOKLET B)

Q21	59, 025	Q22	1 and 3
Q23	40, 091	Q24	2
Q25	67 032, 67 023, 62 703, 60 723	Q26	628
Q27	9405	Q28	$226
Q29		Q30	12 = 1 x 12 2 x 6 3 x 4 5 + 5 = 10 10 + 18 = 28
Q31	4	Q32	120 + 20 = 140 140 – 57 = 83
Q33	$\frac{4}{11}, \frac{3}{7}, \frac{5}{6}$	Q34	
Q35	68°	Q36	35 – 16 = 19 19 – 16 = 3cm
Q37	16 – 5 = 11	Q38	1ℓ 50ml
Q39	Bus stop	Q40	475 + 2905 = 3370m
Q41	1984 + 80 = 2064 1984 + 2064 = 4048 4048 ÷ 8 = 506 There were 506 beads in each container.	Q42	Assume all are blueberry cupcake 6 x 55 = 330 6 – 4 = 2 330 – 290 = 40 40 ÷ 2 = 20 20 x 4 = 80 290 – 80 = 210 210 ÷ 6 = 35 He sold 35 blueberry cupcakes.

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Q43	4u = 416 1u = 416 ÷ 4 = 104 Half 1u = 104 ÷ 2 = 52 1u = 104 1u + half u = 104 + 52 = $156	Q44	8u = 526 – 118 = 408 1u = 408 ÷ 8 = 51ℓ
Q45	2u = 108 + 34 = 142 1u = 142 ÷ 2 = 71 71 + 34 = 105		

END

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