Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2022)

PRIMARY 4

MATHEMATICS

Booklet A

Tuesday **01 November 2022** **1 h 45 min**

Name: _____ ( ) Class: ( )

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 8 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. The value of the digit 9 in 59 048 is _____.

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

2. Write $5\frac{9}{20}$ as a decimal.

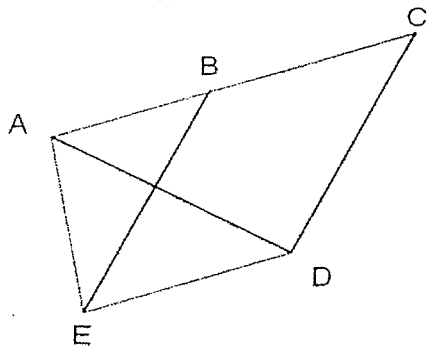
   1) 5.9
   2) 5.92
   3) 5.45
   4) 5.045

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

   1) $\frac{3}{4}$
   2) $1\frac{1}{3}$
   3) 12
   4) 4

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4. One of the lines in the figure is parallel to AC.
Which line is parallel to AC?



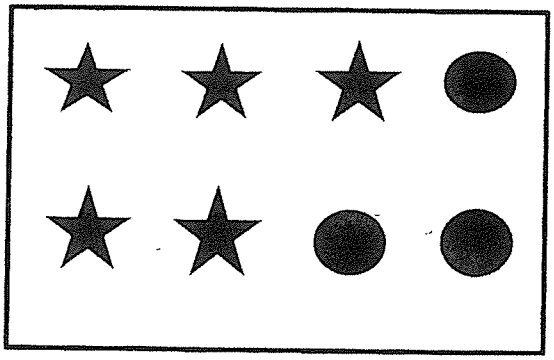
1) DA
2) DE
3) EA
4) EB

5. 49 696 rounded to the nearest hundred is _____.

1) 49 600
2) 49 690
3) 49 700
4) 50 000

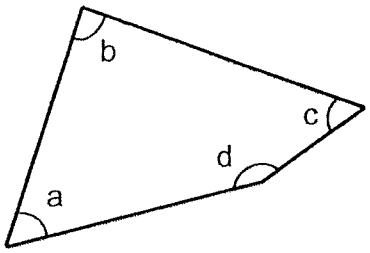
6. What fraction of the shapes in the box are ● ?

1) $\frac{3}{8}$
2) $\frac{3}{5}$
3) $\frac{5}{8}$
4) $\frac{5}{3}$



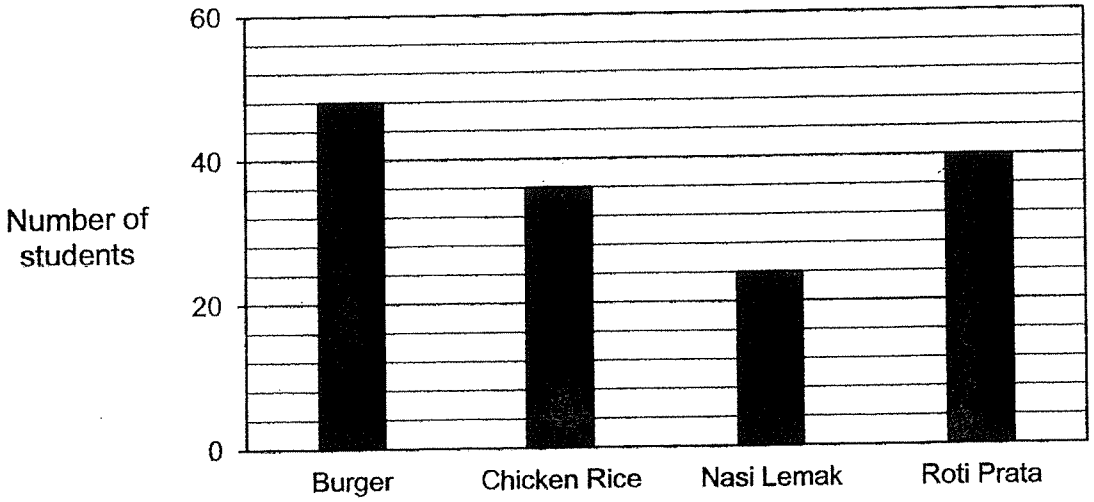
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7. In the figure below, which angle is greater than a right angle?



1) ∠a
2) ∠b
3) ∠c
4) ∠d

8. The graph below shows the favourite food of a group of students.



A total number of 72 students choose two types of food. Name the two types of food.

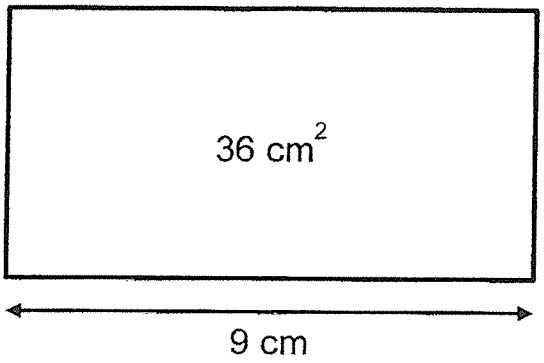
1) Burger and Chicken Rice
2) Burger and Nasi Lemak
3) Nasi Lemak and Chicken Rice
4) Nasi Lemak and Rota Prata

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9. A movie started at 15 45 and ended at 1700.
How long was the movie?

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

10. What is the perimeter of the rectangle below?



1) 324 cm
2) 26 cm
3) 13 cm
4) 4 cm

11. After giving 12 stickers to each of her 28 friends, Lucy had 7 stickers left. How many stickers did Lucy have at first?

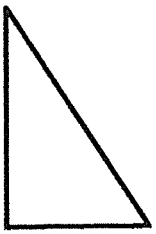
1) 329
2) 336
3) 343
4) 420

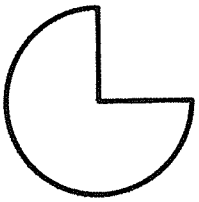
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12. Look at the figures below. Which figure does **not** have any lines of symmetry?

1) 

2) 

3) 

4) 

13. Mr Goh had $\frac{9}{10}$ kg of flour. He had $\frac{1}{4}$ kg of flour less than Miss Chua. How many kilograms of flour did Miss Chua have?

1) $\frac{5}{7}$ kg

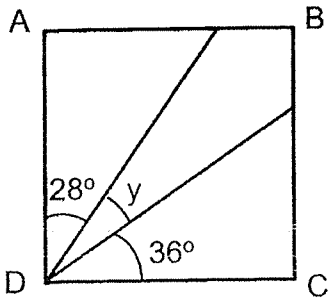
2) $\frac{13}{20}$ kg

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

4) $1\frac{3}{20}$ kg

14. In the figure below, ABCD is a square. Find angle $\angle y$.

1) 62°
2) 54°
3) 36°
4) 26°



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15. 1 file cost as much as 3 pens. Siti spent $6.30 for 1 file and 6 pens. Find the cost of 1 pen.

1) $0.70
2) $0.90
3) $1.05
4) $2.10

16. The table below shows the number of books borrowed by a group of students.

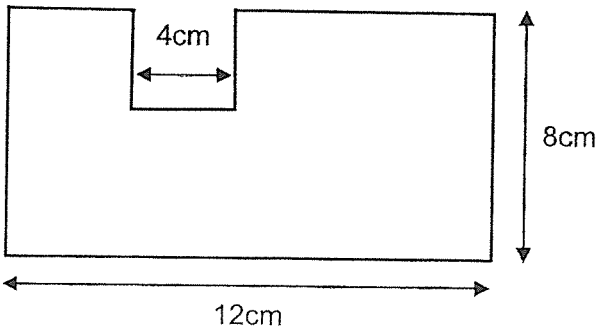
Number of books borrowed	0	1	2	3	4
Number of students	36	30	25	11	6

How many books were borrowed by the students altogether?

1) 108
2) 118
3) 137
4) 159

17. The figure below is formed by cutting out a 4-cm square from a rectangle. Find the perimeter of the figure.

1) 24 cm
2) 36 cm
3) 40 cm
4) 48 cm



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18. Siti and Tammy had 1400 beads altogether. Tammy had 80 more beads than Siti. How many beads did Siti have?

1) 620
2) 660
3) 740
4) 780

19. Lincoln and Mark had some cards. Lincoln gave 24 cards to Mark. In the end, Lincoln had 36 cards more than Mark. How many more cards did Lincoln have more than Mark at first?

1) 48
2) 60
3) 84
4) 96

20. Jenny had some money. She bought a wallet for $18 and a bag for $24. She was left with $\frac{2}{5}$ of her money. How much money did she have at first?

1) $42
2) $70
3) $84
4) $105

End of Booklet A

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Anglo-Chinese School (Junior)

SEMESTRAL ASSESSMENT 2 (2022)

PRIMARY 4

MATHEMATICS

Booklet B

Tuesday **1 November 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)

21. Write ninety-seven thousand and eighty-six in figures.

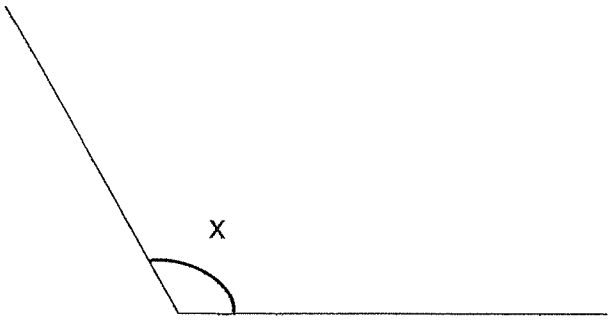
22. Find the value of 6.74 x 8.

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

Express your answer as a mixed number.

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



o

25. Arrange the following numbers in order from the greatest to the smallest.

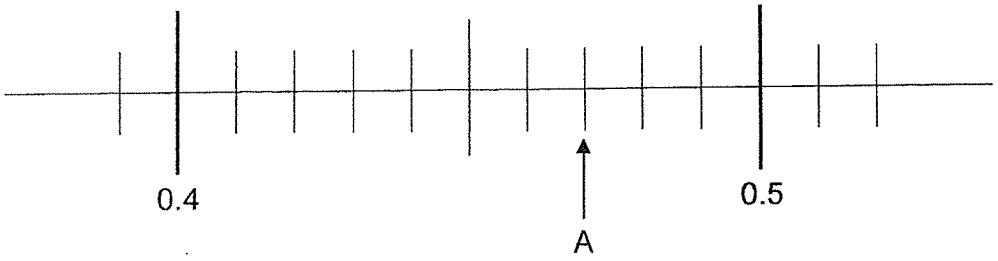
0.053 , 0.305 , 0.503

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

26. Find the value of $1 - \frac{1}{8} - \frac{1}{4}$.

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27. Write the decimal represented by A.



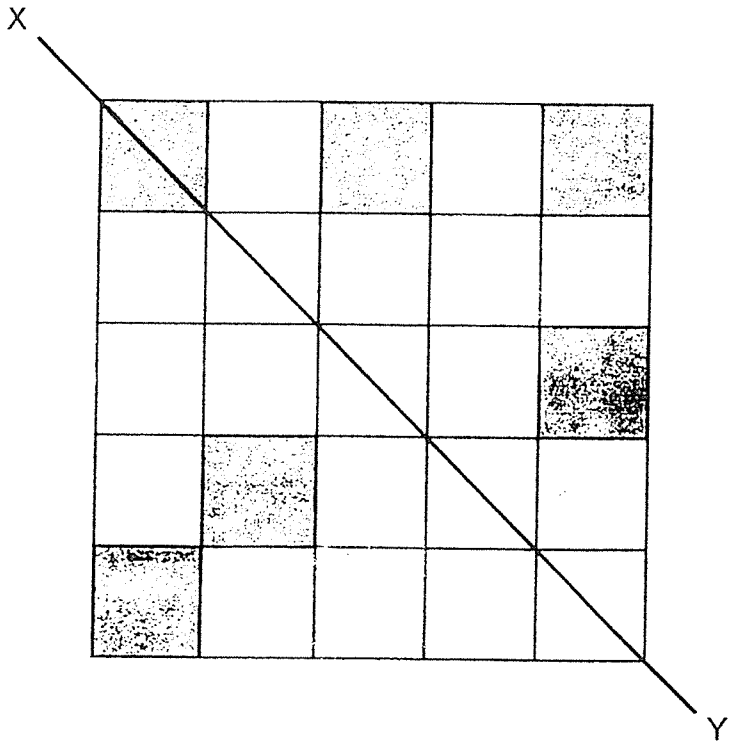
28. Write the missing number in the number pattern below.

15 000 , 14 400 , 13 800 , 13 200 , _____, 12 000

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

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30. Shade **<u>three</u> more** squares so that the shaded parts are symmetrical along XY line.



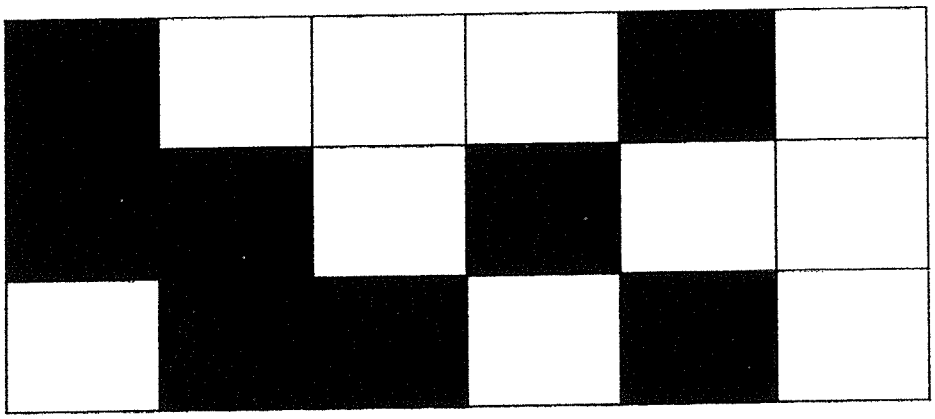
31. The area of a square is 36 cm^2. Find its perimeter.

cm

Sub-Total :

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32. The figure below is made up of 18 rectangles. How many **more** rectangles need to be shaded such that $\frac{5}{9}$ of the figure is shaded?



33. The table below shows the time the bus leaves the interchange for the airport.

Leaves Bus Interchange	Arrives at Airport
08 30	09 15
08 45	09 30
09 20	10 05
09 45	10 30
10 30	11 15

Evan needs to arrive at the airport before 10 45. What is the latest time that he must board the bus so that he will be punctual?

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The table below shows the number of students in two CCAs from four Primary 4 classes. Each class has the same number of students. Use the following table to answer questions 34 and 35.

Class	Badminton	Tennis
Primary 4A	25	15
Primary 4B	18	22
Primary 4C	?	13
Primary 4D	11	?
Total number	81	?

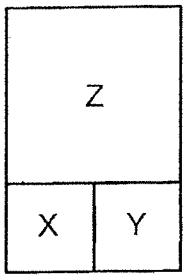
34. How many students are in Badminton CCA from Primary 4C?

35. What is the total number of students who are in Tennis CCA?

Sub-Total :

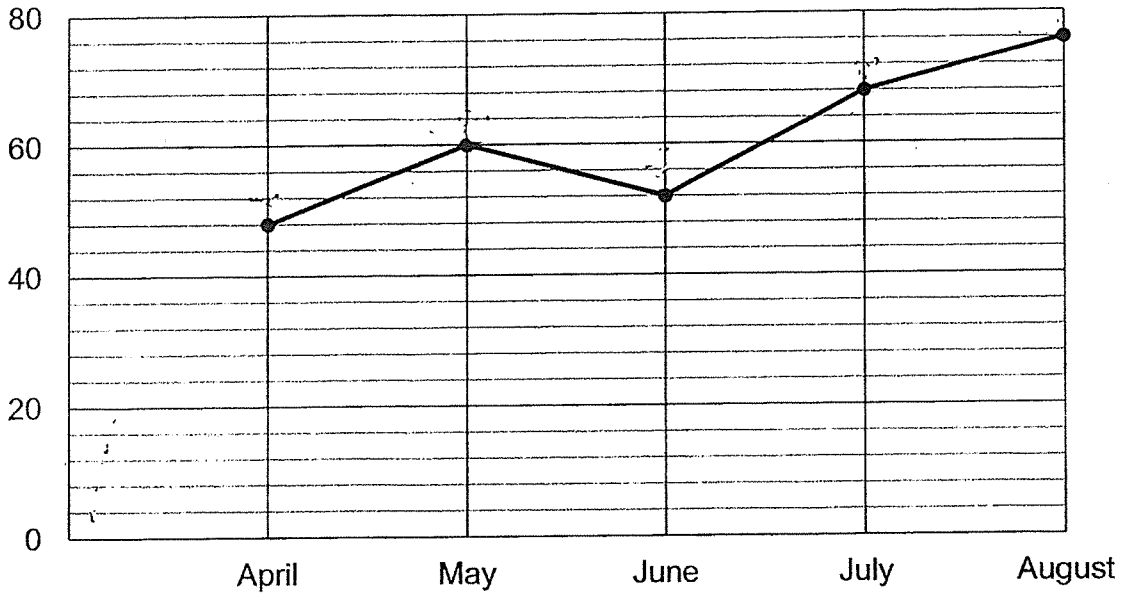
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36. The figure below is made up of 2 identical squares, X and Y, and a big square, Z. The length of square Z is 8 cm. Find the area of the figure.



cm^2

37. The bar graph below shows the number of books borrowed by students from a class at the school library from April to August.

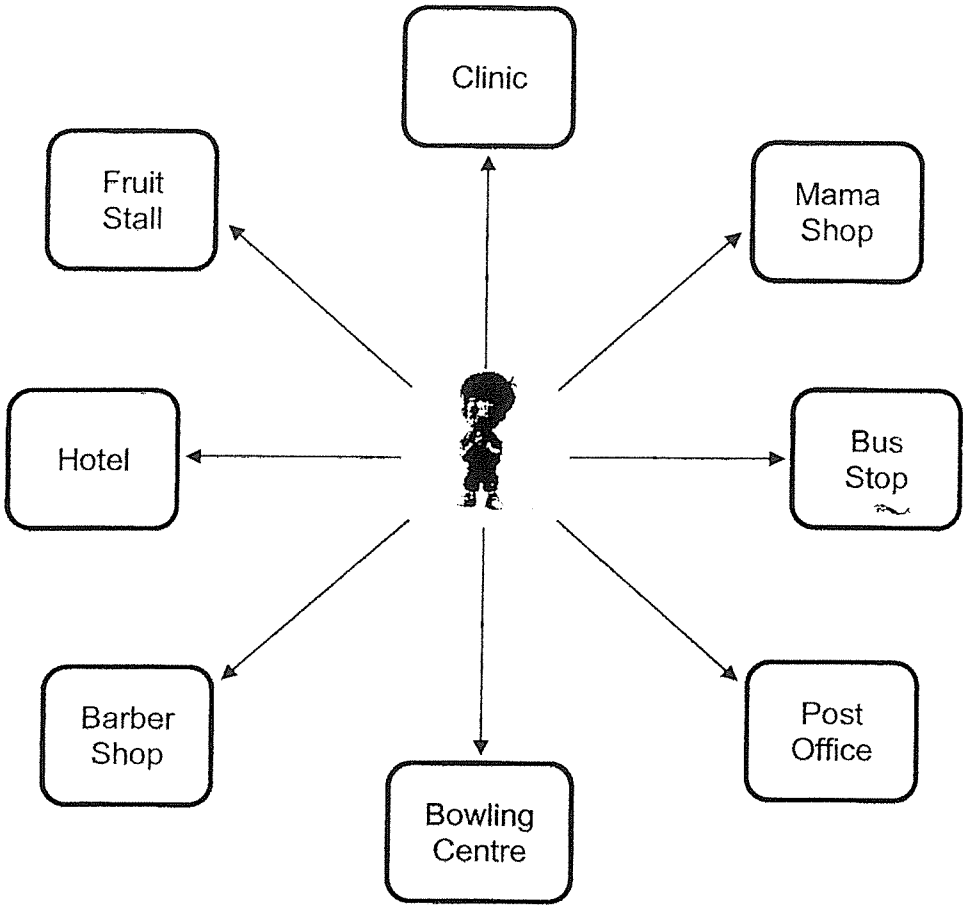


Between which two months was the increase in the number of books borrowed the greatest?

_____ to _____

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38. Tom is facing the bowling centre now. After making a $\frac{3}{4}$ - turn in the anti-clockwise direction, where will he be facing?

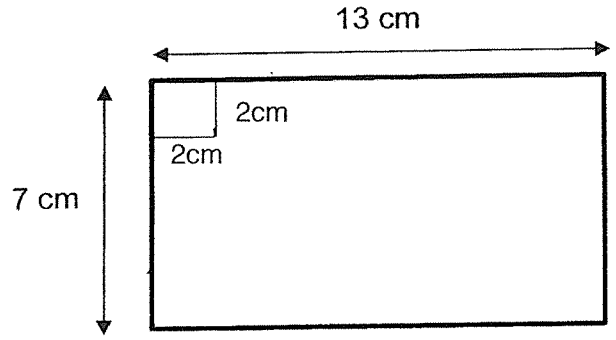


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39. Jamie and Ken had an equal amount of money at first. Jamie spent $36 and Ken spent $84. In the end, Jamie had 3 times as much money as Ken. How much money did Jamie have at first?

$

40. What is the greatest number of 2-cm squares that can be cut out from the rectangular piece of cardboard?



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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. Brian saved $56.60 in August and $83.20 in September. From the amount he had saved, he kept $36.30 for himself and gave the rest to his 3 sisters equally. How much did Brian give to each of his sisters?

Ans: _____ [4]

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42. Eric, Farid and Govind had a total of 165 stickers. Eric had twice as many stickers as Farid and Farid had 15 more stickers than Govind. How many stickers did Govind have?

Ans: _____ [4]

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43. The mass of a packet of flour is 0.4 kg. The mass of a bag of rice is 4 times the mass of the packet of flour.

a) What is the mass of the bag of rice? Leave your answer in kilograms.

Ans: _____ [2]

b) Mrs Wong bought the same number of packets of flour and bags of rice. The total mass of all packets of flour and bags of rice was 32 kg. How many packets of flour did she buy?

Ans: _____ [2]

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44. In a ball pit, $\frac{7}{12}$ of the balls are red and $\frac{1}{4}$ of the balls are green. The rest of the balls are yellow. There are 650 more red than yellow balls in the pit.

a) What fraction of balls are yellow?
(Express your answer in the simplest form.)

Ans: a) _____ [1]

b) How many balls are there altogether?

b) _____ [3]

Sub-Total :

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45. One box of cookies cost $4. For every 6 boxes of cookies that Mrs Tan bought, she would receive 1 box of cookies free of charge. Mrs Tan paid $120 for some boxes of cookies. How many boxes of cookies did she get at most?

Ans: _____ [4]

End of Booklet B

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Anglo-Chinese School (Junior)

PRIMARY 4

MATHEMATICS

SA2 REVISION 2

1 h 45 min

Name: _____ ( ) Class: 4.( )

INSTRUCTIONS TO PUPILS

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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 3 in 83 629 is _____.

   1) 3
   2) 30
   3) 300
   4) 3000

2. 2 and 6 are factors of _____.

   1) 8
   2) 10
   3) 12
   4) 26

3. Round 31.42 to the nearest whole number.

   1) 30
   2) 31
   3) 32
   4) 34

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

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

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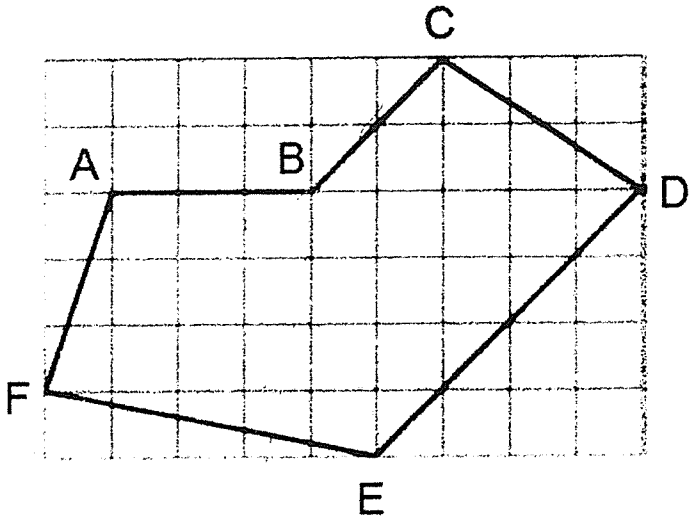
5. In which of the following are the numbers arranged from the smallest to the greatest?

1) 7038, 7803, 7083
2) 7038, 7083, 7803
3) 7308, 7083, 7038
4) 7308, 7038, 7083

6. Express $\frac{62}{1000}$ as a decimal.

1) 0.602
2) 0.062
3) 0.62
4) 6.02

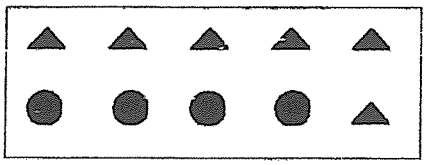
7. Figure ABCDEF is drawn on the square grid shown. Which one of the following statements is true?



1) BC is parallel to ED.
2) CD is parallel to FE.
3) BC is perpendicular to CD.
4) FE is perpendicular to ED.

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8. What fraction of the shapes in the box are ▲ ?



1) $\frac{4}{6}$

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

3) $\frac{6}{4}$

4) $\frac{6}{10}$

9. Express 6 tenths and 38 hundredths as a decimal.

1) 0.98
2) 6.38
3) 63.8
4) 90.8

10. 0.02 x 8 = ☐ x 4

1) 0.01
2) 0.04
3) 0.16
4) 0.64

11. Alvin's age is a multiple of 6 this year. His age next year is a multiple of 5. Which of the following is Alvin's possible age this year?

1) 12
2) 24
3) 36
4) 48

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12. Which of the dotted lines is **not** a line of symmetry?

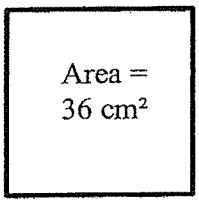
1) 

2) 

3) 

4) 

13. What is the perimeter of the square below?



1) 6 cm
2) 9 cm
3) 24 cm
4) 36 cm

14. How many seconds are there in 6 min 12 s ?

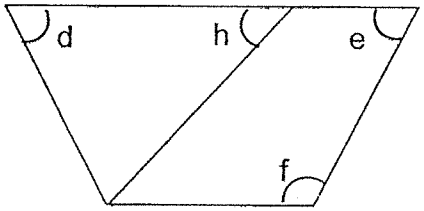
1) 36 s
2) 48 s
3) 372 s
4) 612 s

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15. What is the remainder when 6852 is divided by 8 ?

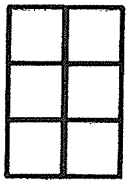
1) 2
2) 3
3) 4
4) 5

16. In the figure, which angle is larger than a right angle?



1) ∠d
2) ∠e
3) ∠f
4) ∠h

17. The rectangle below is made up of 6 identical squares. The perimeter of the rectangle is 60 cm. What is the area of 1 square?



1) 10 cm^2
2) 15 cm^2
3) 24 cm^2
4) 36 cm^2

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18. Singapore's Night Safari is open to the public daily from 6.30 p.m. to 11.15 p.m. How long is the Night Safari open to the public for each night?

1) 4 h 30 min
2) 4 h 45 min
3) 5 h 30 min
4) 5 h 45 min

19. Aisha wants to get all her 39 classmates a 85 ¢ eraser each. How much is the change if she gave the Cashier a $50-note to buy 39 erasers?

1) $16
2) $16.15
3) $16.85
4) $16.95

20. Ms Lee has some red and blue flowers in her house. $\frac{3}{7}$ of the flowers are red. There are 24 blue flowers. How many red and blue flowers are there altogether in her house?

1) 6
2) 8
3) 42
4) 56

End of Booklet A

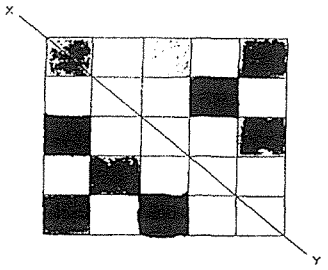
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YEAR : 2022
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE SCHOOL
SUBJECT : MATHEMATICS
TERM. : SEMESTRAL ASSESSMENT 2

(BOOKLET A)

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

(BOOKLET B)

Q21	97086
Q22	53.92
Q23	$1\frac{2}{9}$
Q24	120°
Q25	0.503, 0.305, 0.053
Q26	$\frac{5}{8}$
Q27	0.47
Q28	12 600
Q29	8 and 16
Q30	
Q31	6 x 4 = 24cm
Q32	2
Q33	09 45
Q34	27
Q35	79
Q36	96
Q37	June to July
Q38	Hotel
Q39	$108
Q40	7 ÷ 2 = 3R1 13 ÷ 2 = 6R1 6 x 3 = 18

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Q41	56.60 + 83.20 = 139.80 139.80 – 36.30 = 103.50 103.50 ÷ 3 = $34.50 He gave $34.50 to each of his sisters.
Q42	4u = 165 – 45 = 120 1u = 120 ÷ 4 = 30 Govind had 30 stickers
Q43	a) PF = 0.4 BR = 0.4 x 4 = 1.6kg The bag of rice is 1.6kg b) 1g of PF + BR = 0.4 + 1.6 = 2.0 32 ÷ 2.00 = 16.00 She bough 16 packet of flour
Q44	a) $\frac{2}{12} = \frac{1}{6}$ The fraction of yellow ball is $\frac{1}{6}$. b) 5u = 650 u = 650 ÷ 5 = 130 130 x 12 = 1560 There are 1560 balls altogether.
Q45	6 x 4 = 24 7b = 24 120 ÷ 24 = 5 5 x 7 = 35 She will get 35 boxes of cookies at most.

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ANSWER KEY

YEAR : 2022
LEVEL : PRIMARY 4
SCHOOL : ANGLO-CHINESE SCHOOL (JUNIOR)
SUBJECT : MATHEMATICS
TERM : SA2 REVISION 2

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

END

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