Name : _____( )

Class : Primary 3

Mathematics Teachers : Mrs Tan / Mrs Lee / Mrs Eng / Mdm Sim

SINGAPORE CHINESE GIRLS' SCHOOL
END-OF-YEAR EXAMINATION

PRIMARY 3 24 Oct 2023

MATHEMATICS
(BOOKLET A)

Additional materials:
Optical Answer Sheet (OAS) **Total Time for Booklets A and B: 1 hour 30 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 ~~is~~ is NOT allowed.

This booklet consists of 5 printed pages and 1 blank page.

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Section A: (15 marks)

Questions 1 to 5 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade your answer on the Optical Answer Sheet.

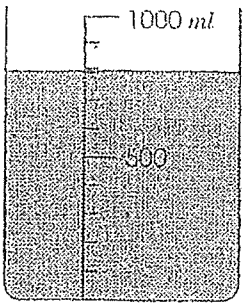
1. The digit _____ in 3985 is in the hundreds place.

   (1) 9
   (2) 8
   (3) 3
   (4) 5

2. What is the product of 182 and 4?

   (1) 428
   (2) 728
   (3) 1628
   (4) 4328

3. What is the volume of water in the beaker?



   (1) 500 ml
   (2) 530 ml
   (3) 800 ml
   (4) 1000 ml

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4. Which fraction is less than $\frac{1}{2}$?

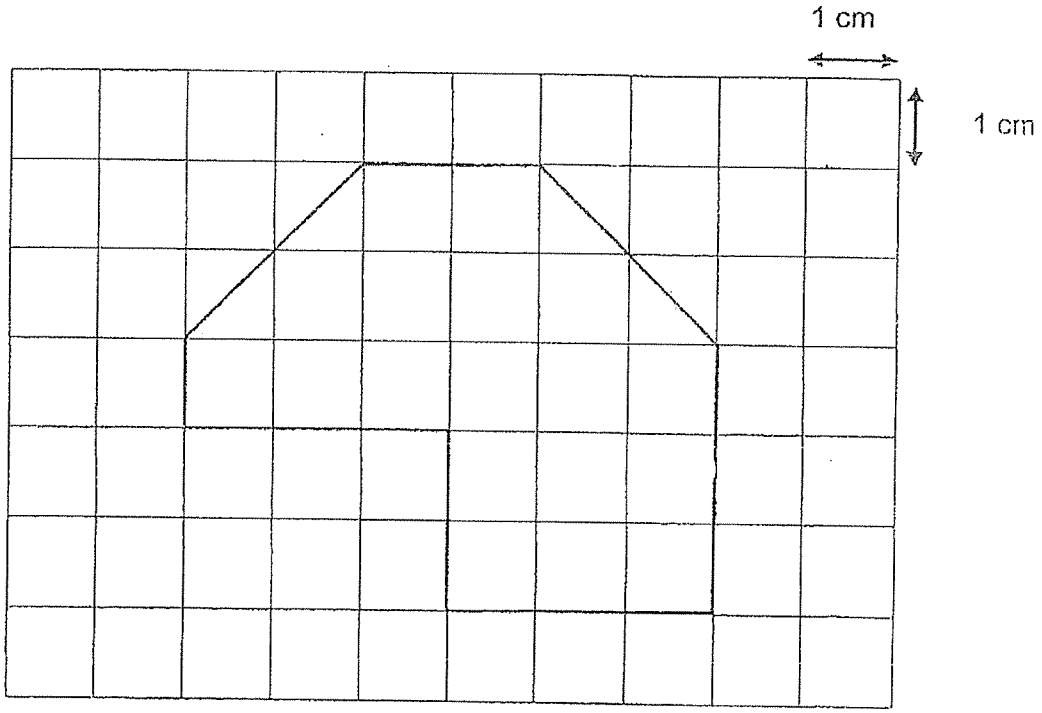
(1) $\frac{5}{9}$

(2) $\frac{5}{10}$

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

(4) $\frac{5}{12}$

5. The figure below is made up of 1-cm squares.
Find the area of the figure.



The area of the figure is _____.

(1) 18 cm^2

(2) 20 cm^2

(3) 22 cm^2

(4) 30 cm^2

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Questions 6 to 10 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) and shade your answer on the Optical Answer Sheet.

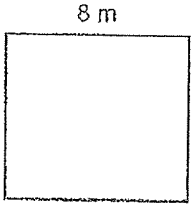
6. 100 more than _____ is 2063.

(1) 1963
(2) 2083
(3) 2163
(4) 3163

7. 7 kg 50 g = _____ g.

(1) 750 g
(2) 7005 g
(3) 7050 g
(4) 7500 g

8. The length of a square mat is 8 m. Find the area of the mat.



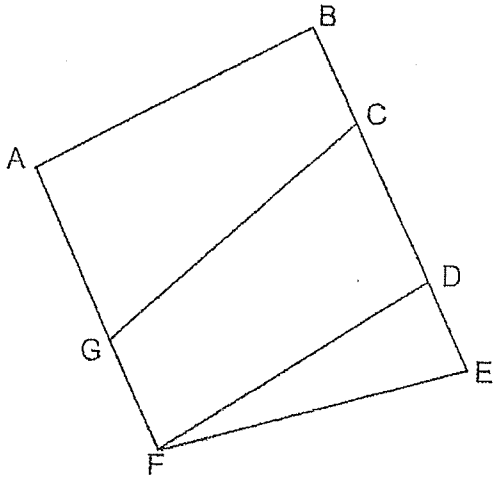
(1) 8 m^2
(2) 16 m^2
(3) 32 m^2
(4) 64 m^2

9. Raj took 2 hour 45 minutes to travel to his school. Gina took 50 minutes less to travel to her school. How long did Gina take to travel to her school?

(1) 1 h 45 min
(2) 1 h 55 min
(3) 2 h 5 min
(4) 3 h 35 min

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10. In the figure below, which two lines are parallel?



(1) AB // BE

(2) AF // BE

(3) GC // FD

(4) AB // FD

End of Booklet A

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Name : _____( )

Class : Primary 3 SY

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SINGAPORE CHINESE GIRLS' SCHOOL
END-OF-YEAR EXAMINATION

PRIMARY 3 24 Oct 2023

MATHEMATICS
(BOOKLET B)

Total Time for Booklets A and B: 1 hour 30 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.
5. Do not use correction fluid/tape or highlighters.

		Max Mark	Marks attained
Booklet A	Section A	15	
Booklet B	Section B	19	
	Section C	16	
Total Marks		50	

Parent's Signature

This booklet consists of 9 printed pages and 1 blank page.

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Section B: (19 marks)

Questions 11 to 15 carry 1 mark each. 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

11. Write 7412 in words.

_____

_____

_____

12. Write the missing number.

6198, _____ , 6218, 6228, 6238

Ans: _____

_____

13.

5492 = 5000 + ☐ tens + 90 + 2

Ans: _____ tens

_____

14.

$\frac{1}{2} + \frac{4}{10} =$ ☐

Ans: _____

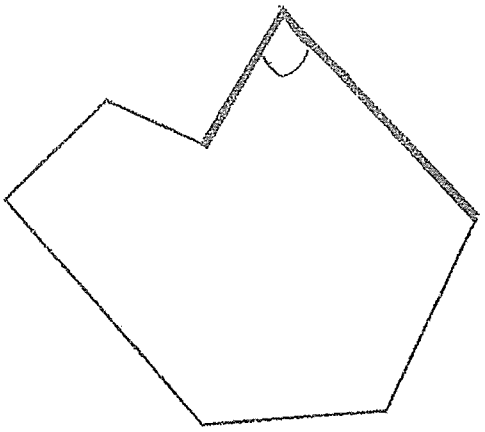
_____

4

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In this column

15. Mark the acute angle in the figure below.



Questions 16 to 22 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

16. Arrange the following fractions from the greatest to the smallest.

$$\frac{2}{3} \text{ , } \frac{2}{6} \text{ , } \frac{3}{4}$$

Ans: _____ , _____ , _____

(greatest) (smallest)

3

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17. Jennifer gave away $\frac{1}{2}$ of a cake and ate $\frac{1}{3}$ of it. What fraction of the cake was left?

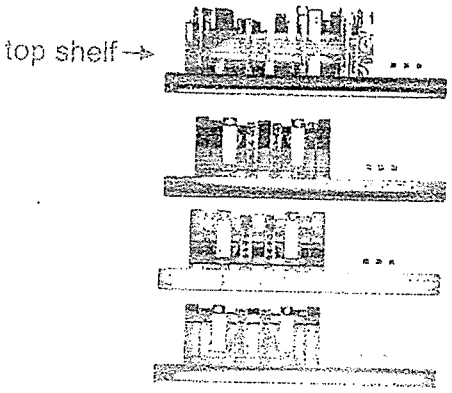
Ans: _____

Do not write In this column

18. There were 420 audience at a concert. There were 4 times as many adults as children. How many children were at the concert?

Ans: _____

19. The art section in the library has 218 books. 77 books are on the top shelf and the rest are arranged equally at the bottom three shelves.
How many books are there on the last shelf at the bottom?



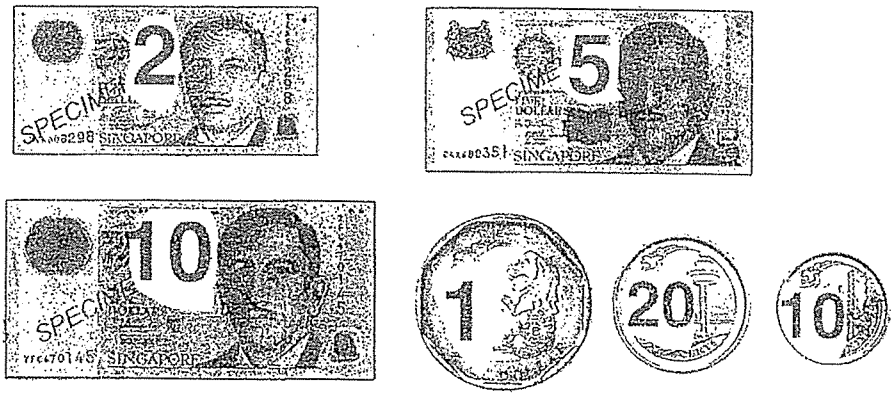
Ans: _____

6

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In this column

20. The picture below shows the amount of money in Nurul's wallet.
She wanted to buy a handphone charger which costs $22.10.
How much more money does she need?



Ans: $ _____

---

21. Natalie started watching a show at 1615. The show lasted 1 h 55 min.
What time did the show end? Give your answer in the 24 hour clock.

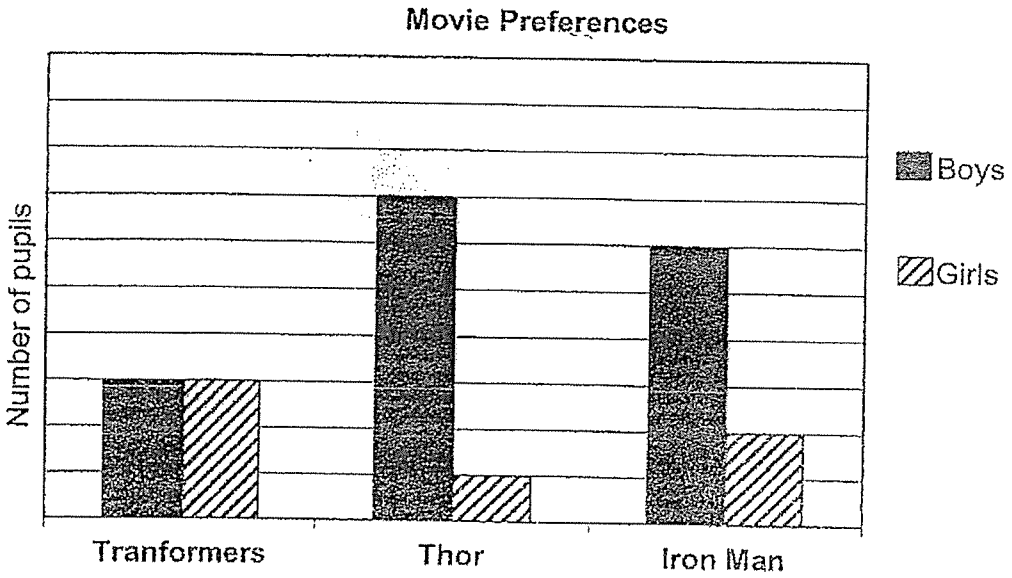
Ans: _____

4

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22. The graph below shows the movie preferences of boys and girls in a school.

Do not write in this column



Put a tick (√) in the correct box.

	True	False
a) The number of boys who like iron man is twice the number of boys who like transformers.		
b) The total number of children who like Thor movie is the same as the total number of children who like Iron Man movie.		

2/2

End of Section B

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Section C: (16 marks)

For questions 23 to 27, 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.

Do not write in this column

23. The length of a blue ribbon is 1 m 20 cm longer than a red ribbon. Given that the total length of both ribbons is 4 m, how long is the red ribbon?

Ans: _____ [3]

24. Geraldine wants to pack 260 colour pencils into bags.
Each bag can hold up to 6 colour pencils.
What is the **smallest number of bags** needed to pack all the colour pencils?

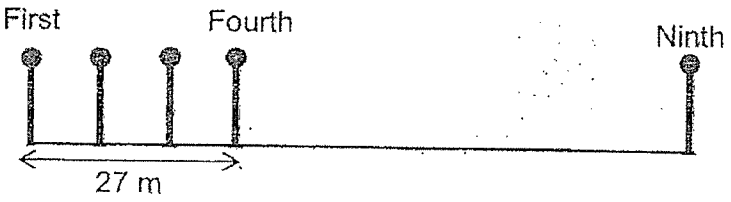
6

Ans: _____ [3]

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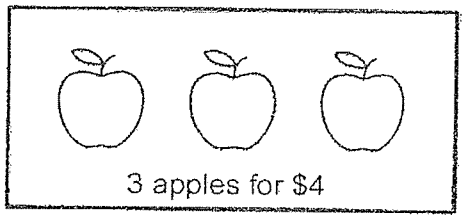
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In this column

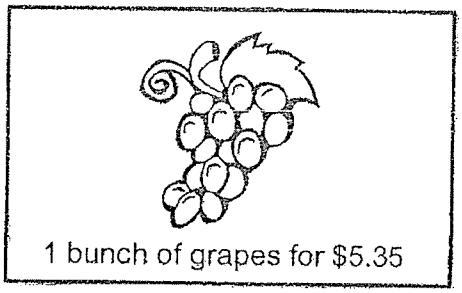
25. The football coach arranged 9 poles on the field that are of equal distance apart. The distance between the first pole and fourth pole is 27 m. What is the distance between the first and last pole?



Ans: _____ [3]

26. Jamie bought 1 bunch of grapes and 15 apples.
She gave the cashier $50. How much change did she receive?





Ans: _____ [4]

7

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27. Alfred and Bala had an equal number of marbles at first.
After Alfred gave Bala 12 marbles, Alfred had 65 marbles left.

Do not write in this column

(a) How many more marbles did Bala have than Alfred in the end?

Ans: (a) _____ [1]

(b) How many marbles did Bala have in the end?

Ans: (b) _____ [2]

END OF PAPER

4

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YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : SINGAPORE CHINESE GIRLS' SCHOOL
SUBJECT : MATHEMATICS
TERM : END OF YEAR EXAMINATION

SECTION A

Q1	1	Q3	3	Q5	2	Q7	3	Q9	2
Q2	2	Q4	4	Q6	1	Q8	4	Q10	2

SECTION B

Q11	Seven thousand, four hundred and twelve.
Q12	6208
Q13	40 tens
Q14	$\frac{9}{10}$
Q15	
Q16	$\frac{3}{4}, \frac{2}{3}, \frac{2}{6}$
Q17	$\frac{1}{2} = \frac{3}{6}$ $\frac{1}{3} = \frac{2}{6}$ $\frac{3}{6} \quad \frac{2}{6} = \frac{1}{6}$
Q18	5u = 420 1u = 84
Q19	218 – 77 = 141 141 ÷ 3 = 47
Q20	10 + 5 + 2 + 1.30 = 18.30 22.10 – 18.30 = $3.80
Q21	16 15 + 1 h 55 min = 18 10
Q22	a) True b) True

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SECTION C

Q23	4 m = 400 cm 1 m = 100 cm 1 m 20 cm = 120 cm 400 – 120 = 280 1 unit = 280 ÷ 2 = 140 cm
Q24	260 ÷ 6 = 43 R2 43 + 1 = 44
Q25	27 x 2 = 54 = 8 poles 27 ÷ 3 = 9 9 x 8 = 72 m
Q26	15 ÷ 3 = 5 sets $4 x 5 = $20 $20 + $5.35 = $25.35 $50 - $25.35 = $24.65
Q27	a) 12 + 12 = 24 b) 65 + 12 = 77 77 + 12 = 89

END

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