SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2022

PRIMARY 3

MATHEMATICS

(BOOKLET A)

Total Time for Booklets A and B: 1 h 45 min

Name : _____ ( ) **27 Oct 2022**

Class : Primary 3 SY / C / G / SE / P

Mathematics Teachers

KC / ME / YWW / DT / CTEO

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

This booklet consists of 5 printed pages and 2 blank pages.

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Section A: (30 marks)

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) and shade your answer on the Optical Answer Sheet.

1. In 1579 the digit 5 is in the _____ place.

   (1) ones
   (2) tens
   (3) hundreds
   (4) thousands

2. Two thousand, one hundred and twelve written in numerals is _____.

   (1) 2012
   (2) 2112
   (3) 2120
   (4) 2121

3. What is the product of 24 and 8?

   (1) 32
   (2) 162
   (3) 3
   (4) 192

4. 8941 is _____ less than 9041.

   (1) 100
   (2) 190
   (3) 1000
   (4) 1900

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5. Which of the following fraction is **not** equivalent to $\frac{1}{2}$?

(1) $\frac{2}{4}$

(2) $\frac{3}{6}$

(3) $\frac{4}{10}$

(4) $\frac{6}{12}$

6. Chloe takes 23 minutes to go home from school. She left school at 11.40 a.m. What time did Chloe get home?

(1) 11.17 a.m.
(2) 11.17 p.m.
(3) 12.03 a.m.
(4) 12.03 p.m.

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

1265 , 1280 , 1295 , _____ , 1325

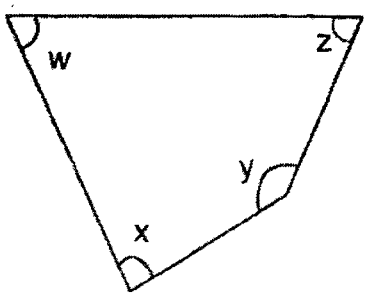
(1) 1300
(2) 1310
(3) 1315
(4) 1320

8. The mass of a durian is 2 kg 250 g. The mass of a pear is 360 g. How much heavier is the mass of the durian than the mass of the pear?

(1) 1890 g
(2) 2110 g
(3) 2610 g
(4) 5850 g

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9. Which angle in the figure below is greater than a right angle?



(1) $\angle w$
(2) $\angle x$
(3) $\angle y$
(4) $\angle z$

10. Mary took 1 hour 25 minutes to complete his homework.
George took 40 minutes faster than Mary to complete his homework.
How long did George take to complete his homework?

(1) 45 min
(2) 85 min
(3) 1 h 65 min
(4) 2 h 05 min

11. Dora had \$49.90. Her mother gave her another \$15. She spent \$18.50. How much money had she left?

(1) \$31.40
(2) \$33.50
(3) \$46.40
(4) \$64.40

12. A fish tank contains 5 l 70 ml of water. 2190 ml more water is needed to fill up the fish tank. What is the capacity of the fish tank?

(1) 2760 ml
(2) 7260 ml
(3) 7197 ml
(4) 7890 ml

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13. A pizza was cut into equal pieces. Fred ate $\frac{1}{2}$ of it and Joy ate $\frac{1}{3}$ of it. What fraction of the pizza was eaten?

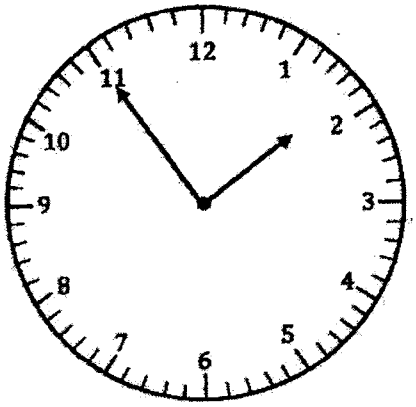
(1) $\frac{1}{5}$

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

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

(4) $\frac{5}{6}$

14. The clock below is 15 minutes faster. What is the actual time?



(1) 1.40 p.m.

(2) 2.10 p.m.

(3) 2.40 p.m.

(4) 3.10 p.m.

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15. The table below shows the price of bus fares for different passengers.

Passenger	Fare
Adult	$1.20
Senior citizen (*above 60 years old)	$0.90
Child (*below 12 years old)	$0.55

Mrs Tan took her two elderly parents out with her 10 year-old son. Her elderly parents were both 65 years old. What was the total bus fare for the four passengers?

(1) $1.75

(2) $2.35

(3) $2.65

(4) $3.55

End of Booklet A

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SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2022

PRIMARY 3

MATHEMATICS

(BOOKLET B)

Total Time for Booklets A and B: 1 h 45 min

Name : _____ ( )

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1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

		Max Mark	Marks attained
Booklet A	Section A	30	
Booklet B	Section B	30	
	Section C	20	
Total Marks		80	

Parent's Signature

This booklet consists of 11 printed pages and 2 blank pages.

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Section B: (30 marks)

Questions 16 to 30 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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16. Write 3314 in words.

_____

_____

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

7216, 7261, 7126, 7162

Ans: _____ , _____ , _____ , _____
(greatest) (smallest)

18. What is the quotient when you divide 908 by 5?

Ans: _____

6

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19. 3874 people visited Sentosa on Saturday. On Sunday, 1955 fewer people visited it than on Saturday. How many people visited Sentosa on Sunday?

Ans: _____

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

$$\frac{5}{9}, \frac{5}{6}, \frac{5}{7}$$

Ans: _____ , _____ , _____

(greatest) (smallest)

21. Lynn started her computer lesson at 8.30 a.m. It ended at 12.15 p.m. How long was her computer lesson?

Ans: _____ h _____ min

6

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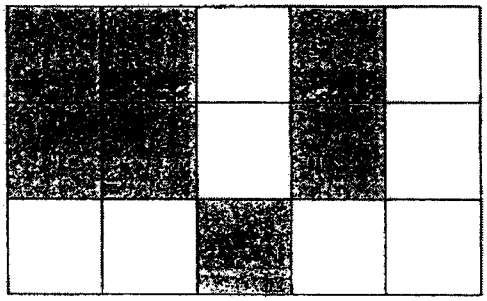
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22. Tara bought 270 pens. She bought three times as many pens as Ray. How many pens did Ray buy?

Ans: _____

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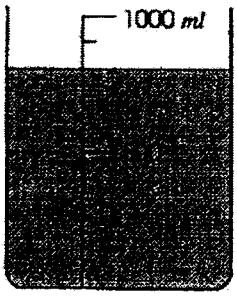
23. How many **more** squares must be shaded in the figure below so that $\frac{4}{5}$ of the figure is shaded?



Ans: _____

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24. How much **more** water is needed to fill the following beaker to 1000 ml?



beaker

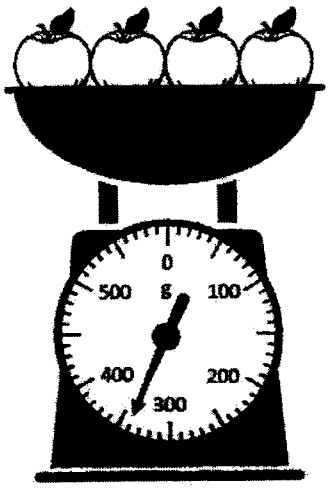
Ans: _____ ml

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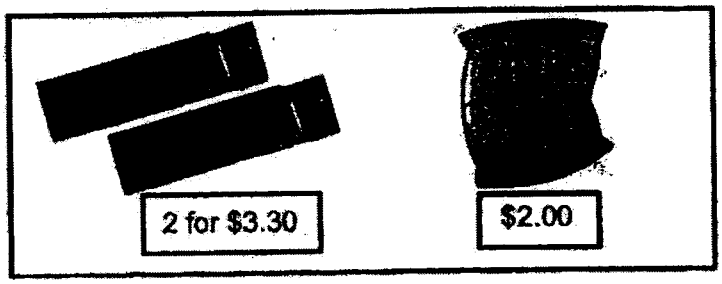
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25. The scale below shows the mass of 4 apples. What is the mass of 8 such apples?



Ans: _____ g

26. Meili was left with 90¢ after paying for 2 bars of chocolates and 1 bag of chips. How much money did she have at first?



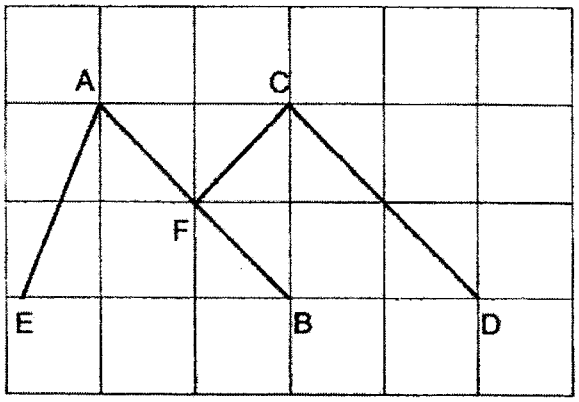
Ans: $ _____

4

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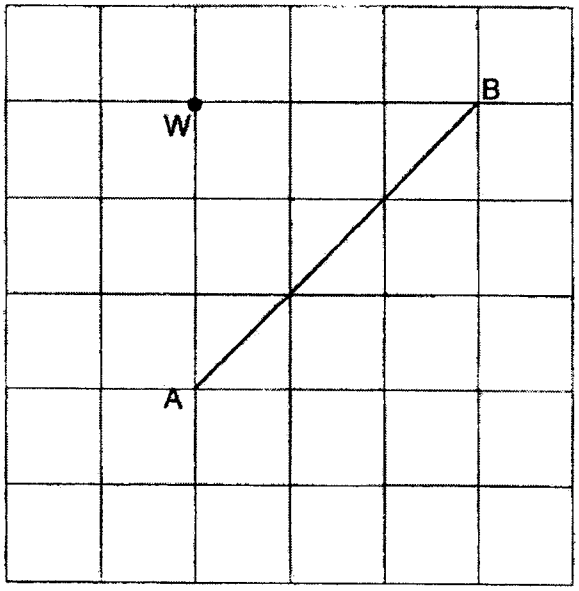
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27. Name the pair of parallel lines?



Ans: _____ // _____

28. Use a ruler and a set square to draw a line which is perpendicular to AB, and passing through Point W.



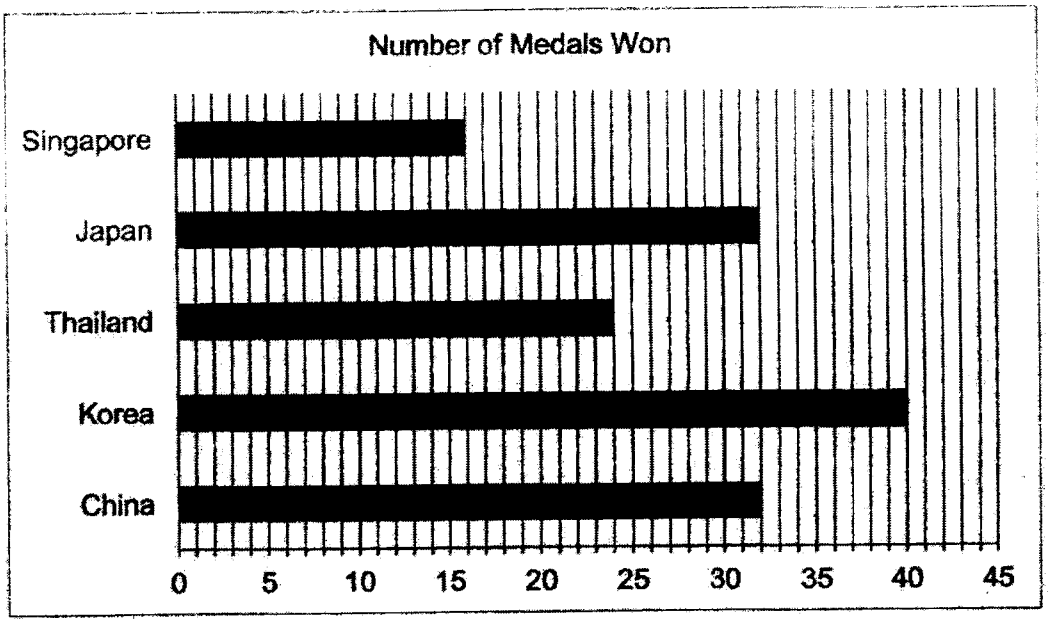
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For questions 29 and 30, refer to the picture graph below:

The picture graph below shows the number of medals won by some countries.

Do not write in this column



29. What is the total number of medals won by Korea and Thailand?

Ans: _____

30. Which country won twice as many medals as Singapore?

Ans: _____

End of Section B

4

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Section C: (20 marks)

For questions 31 to 36, 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

31. A total of 380 movie tickets were sold in two days.
90 fewer tickets were sold on the first day than on the second day.
How many tickets were sold on the first day?

Ans: _____ [3]

32. Mrs Tan bought 500 g of flour. She used 12 g of flour for each cupcake.
If she baked 9 cupcakes in all, how much flour had she left.

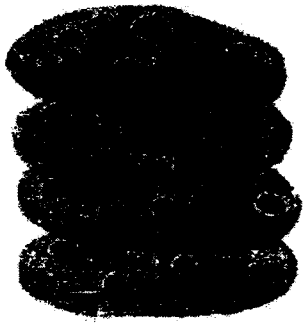
Ans: _____ [3]

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In this column

33. Huni bought 3 cookies for $5.00 and received 1 cookie for free. How much did she pay for 12 cookies?



Ans: _____ [3]

3

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34. A shopkeeper had some oranges. She threw away 13 rotten oranges. She packed the remaining 216 oranges equally into 8 boxes.

a) How many oranges did the shopkeeper have at first?

b) How many oranges were there in each box?

Ans: (a) _____ [2]

(b) _____ [2]

4

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35. Lily went shopping and bought a dress, a bag and a watch.

She paid $605 for a dress and a bag.

The bag cost 4 times as much as the dress.

The watch cost $19 more than the bag.



(a) How much did Lily pay for the bag?

(b) How much did she pay for the watch?

Ans: (a) _____ [2]

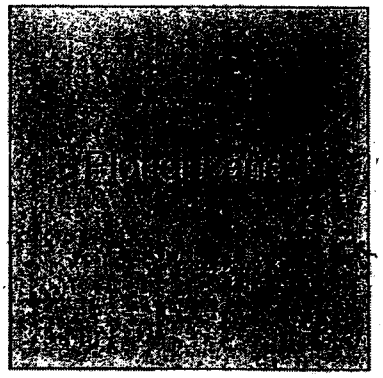
(b) _____ [2]

4

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36. Carol had a square plot of land.
She planted 7 trees on each side. A tree was planted at each corner.
How many trees were there in total?

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Ans: _____ [3]

END OF PAPER

3

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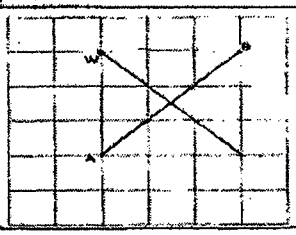
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YEAR : 2022
LEVEL : PRIMARY 3
SCHOOL : SINGAPORE CHINESE GIRLS' SCHOOL
SUBJECT : MATHEMATICS
TERM. : SECOND SEMESTRAL ASSESSMENT

(BOOKLET A)

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

(BOOKLET B)

Q16	Three thousand, three hundred and fourteen.	Q17	7261, 7216, 7162, 7126
Q18	181	Q19	1919
Q20	$\frac{5}{6}, \frac{5}{7}, \frac{5}{9}$	Q21	3h 45min
Q22	90	Q23	5
Q24	200ml	Q25	680g
Q26	$6.20	Q27	AB // CD
Q28		Q29	64
Q30	Japan	Q31	380 – 90 = 290 290 ÷ 2 = 145
Q32	9 units : 12g x 9 – 108g Four left : 500g – 108g = 392g	Q33	Free cookies : 12 – 3 = 9 9 ÷ 3 = 3 How much she paid : $5.00 x 3 = $15.00
Q34	a) Total : 216 + 13 = 229 b) each box : 216 ÷ 8 = 27	Q35	a) 605 ÷ 5 = 121 (1 bag) : $121 x 4 = $484 b) 484 + 19 = $503
Q36	5 x 4 = 20 20 + 4 = 24		

END

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