

DSIM / CK / MS / ME / AT

SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2019
PRIMARY 3
MATHEMATICS
BOOKLET A

Name : _____ ()

18 October 2019

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

Parent's Signature

There are 15 questions in this booklet.
SECTION A

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

CHECK THAT ALL MCQ ANSWERS ARE SHADED CORRECTLY IN THE OAS

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). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In 6082, the digit 0 is in the _____ place.

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

2. $7801 = 7000 + \underline{\hspace{2cm}} + 1$

- (1) 8000
- (2) 800
- (3) 80
- (4) 8

3. $3 \text{ kg } 60 \text{ g} = \underline{\hspace{2cm}} \text{ g}$

- (1) 306
- (2) 360
- (3) 3060
- (4) 3600

4. $4 \square 8 = 32$

- (1) +
- (2) -
- (3) $\div$
- (4) $\times$

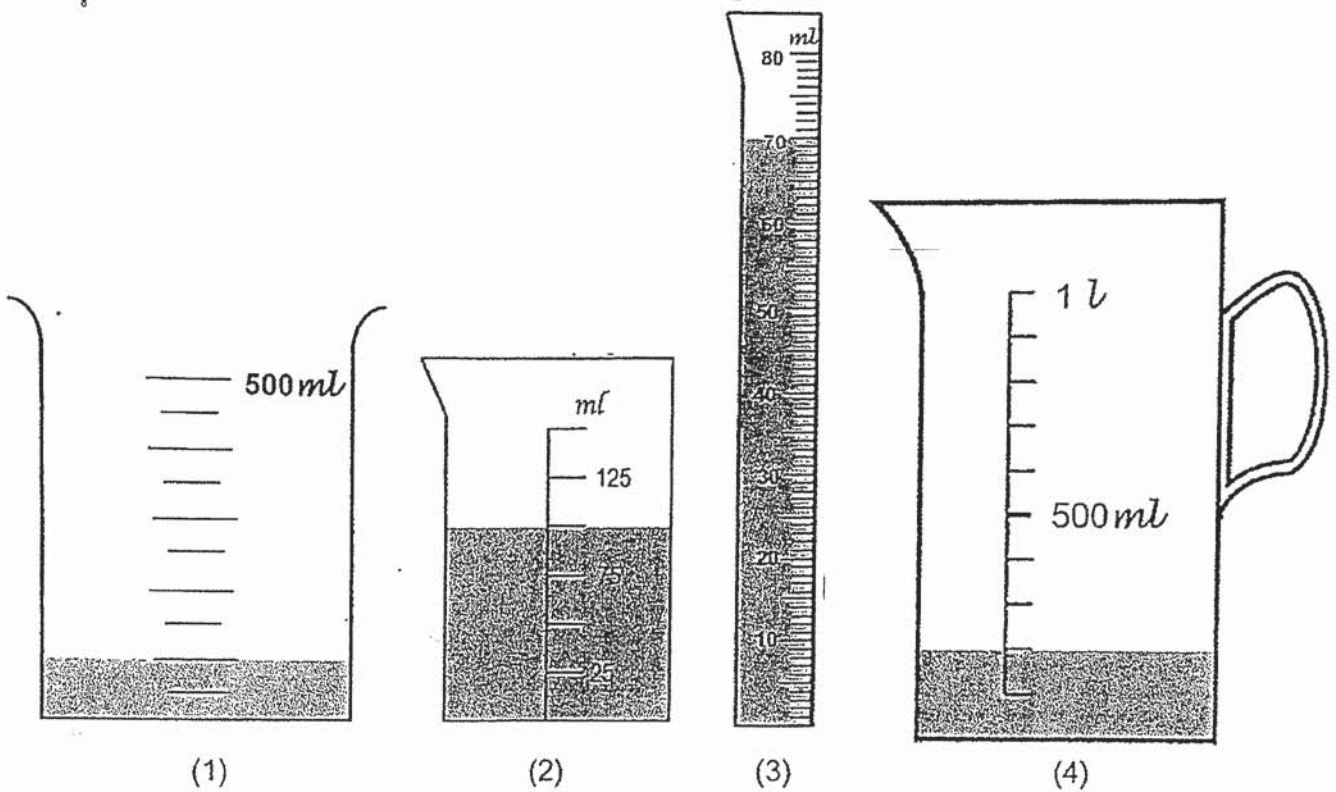
5. What is the missing numerator?

$$\frac{3}{4} = \frac{\boxed{}}{16}$$

- (1) 15
 - (2) 12
 - (3) 7
 - (4) 4
6. What time is 40 minutes before 12.15 p.m.?
- (1) 11.35 a.m.
 - (2) 11.35 p.m.
 - (3) 12.55 a.m.
 - (4) 12.55 p.m.
7. Fill in the blank with the correct number in the number pattern below.
- 6190, 6130, 6070, _____, 5950, 5890
- (1) 5830
 - (2) 5900
 - (3) 6010
 - (4) 6030
8. Express $\frac{8}{12}$ in its simplest form.

- (1) $\frac{1}{4}$
- (2) $\frac{2}{3}$
- (3) $\frac{4}{6}$
- (4) $\frac{16}{24}$

9. Which container has the most amount of water?



10. Marion baked a cake. She ate $\frac{1}{8}$ of the cake and gave $\frac{2}{8}$ to her sister.

What fraction of the cake was left?

- (1) $\frac{3}{8}$
 (2) $\frac{5}{8}$
 (3) $\frac{6}{8}$
 (4) $\frac{7}{8}$

11. A dress costs \$86.30. A bag costs \$47.95. How much more does the dress cost than the bag?

- (1) \$38.35
- (2) \$39.65
- (3) \$41.65
- ~~(4) \$134.25~~

12. A lift can hold a maximum mass of 500 kg. Seven adults with a total mass of 410 kg are already in the lift. The 4 children in the table below are waiting for the lift. When the lift door opens, which 2 of the 4 children in the table below would be able to ride in the lift with them?

Belle	41 kg
Jac	50 kg
Mariam	49 kg
Siti	55 kg

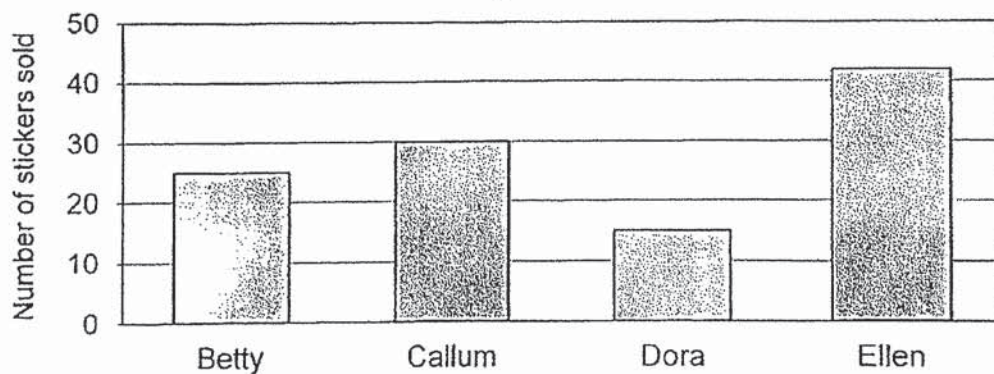
- (1) Belle and Mariam
 - (2) Mariam and Siti
 - (3) Jac and Belle
 - (4) Siti and Jac
13. Which of the following fractions is smaller than $\frac{1}{2}$?

- (1) $\frac{3}{4}$
- (2) $\frac{2}{5}$
- (3) $\frac{7}{10}$
- (4) $\frac{4}{7}$

14. Mrs Kong mixed 70 $m\ell$ of cherry syrup with 560 $m\ell$ of water to make some cherry juice. She poured the cherry juice equally into 7 bottles. How much cherry juice was there in each bottle?

- (1) 10 $m\ell$
- (2) 70 $m\ell$
- (3) 80 $m\ell$
- (4) 90 $m\ell$

15. Each team leader was given 50 stickers to sell. The bar graph below shows the number of stickers sold by four team leaders.



Who had the most number of stickers **left unsold**?

- (1) Betty
- (2) Callum
- (3) Dora
- (4) Ellen

End of Booklet A

DSIM / CK / MS / ME / AT

SINGAPORE CHINESE GIRLS' SCHOOL
SECOND SEMESTRAL ASSESSMENT 2019

PRIMARY 3
MATHEMATICS
BOOKLET B

Name : _____ ()

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

18 October 2019

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

Parent's Signature

There are 21 questions in this booklet.
SECTION B and C

Total Time : 1 h 45 min (Booklet A and B)

INSTRUCTIONS TO CANDIDATES

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.
FOLLOW ALL INSTRUCTIONS CAREFULLY.
ANSWER ALL QUESTIONS.

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 in numerals.

Three thousand and twelve

Ans: _____

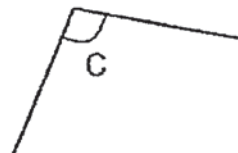
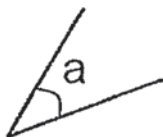
17. Find the product of 460 and 8.

Ans: _____

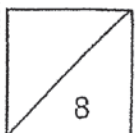
18. A number when divided by 5 gives a quotient of 38 with a remainder of 3.
What is the number?

Ans: _____

19. Which angle is greater than a right angle?



Ans: Angle _____



20. Divide 820 by 6.

Ans: _____

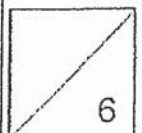
21. A movie ended at 4.30 p.m. and the duration of the movie was 1 hour and 45 minutes. What time did the movie start?

Ans: _____ p.m.

22. What is the missing number?

$$12 \times 8 = 10 \times 8 + \square \times 8$$

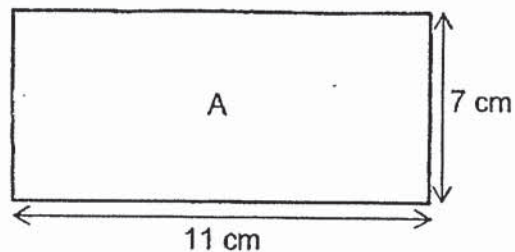
Ans: _____



23. The total length of two ropes X and Y is 5 m long. If rope X is 80 cm longer than rope Y, what is the length of rope Y?

Ans: _____ cm

24. Find the area of the rectangle.

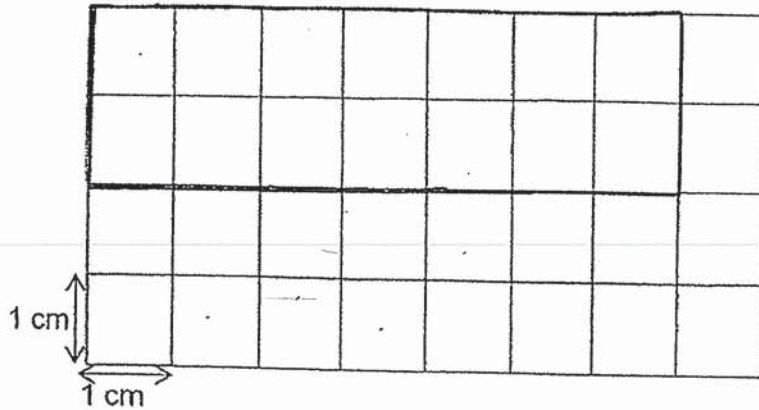


Ans: _____ cm²

25. Tammy had 8 ten-dollar notes. After buying a backpack, she had \$3.50 left. How much did she spend on the backpack?

Ans: \$ _____

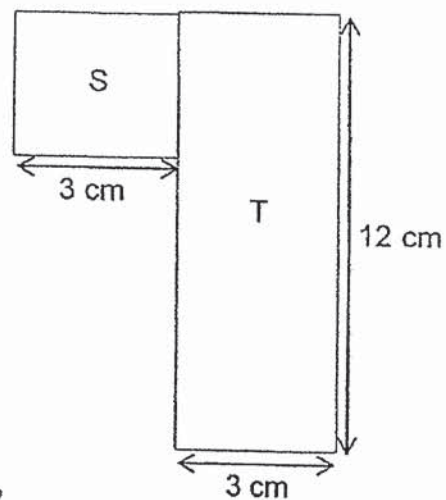
26. Draw a rectangle with an area of 14 cm^2 .



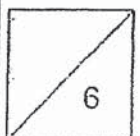
27. A jug contained 1 litre of water. Mr Ling poured some of it equally into 7 cups and had 160 ml left. How much water was there in 1 cup?

Ans: _____ ml

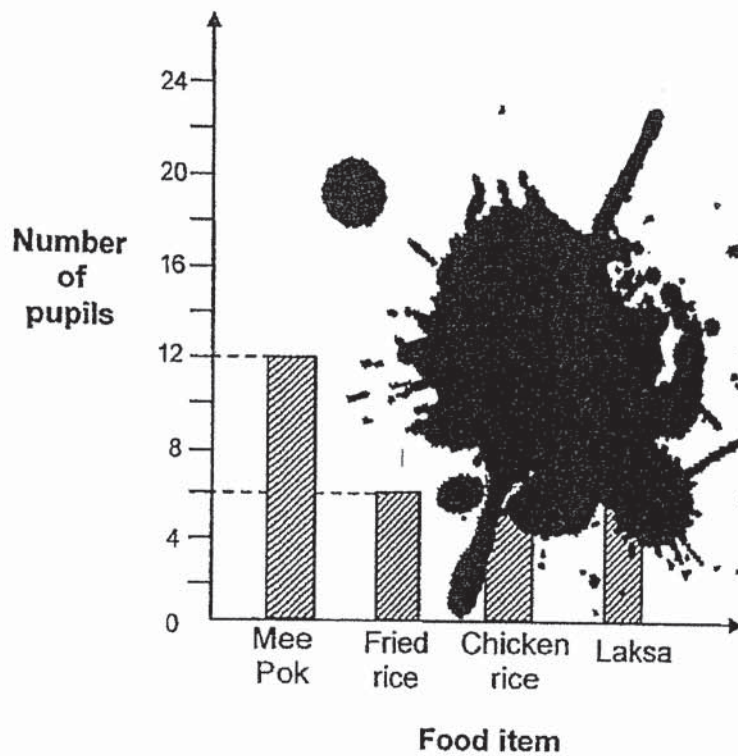
28. The figure below is made up of a square S and a rectangle T.
What is the perimeter of the figure?



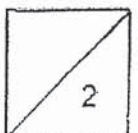
Ans: _____ cm



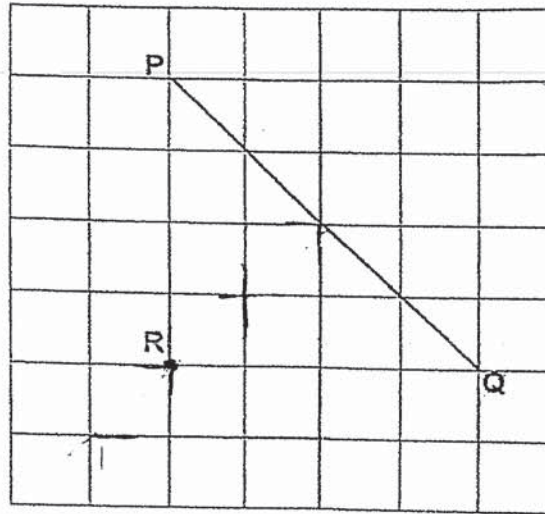
29. A class of 42 pupils were asked what their favourite food was. The results are shown in the graph below. However, ink spilled and covered the results for laksa and chicken rice. Miss Ho remembered there were equal number of students who like chicken rice and laksa. How many students like laksa?



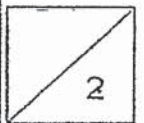
Ans: _____



30. Draw a line perpendicular line to PQ, passing through Point R.



End of Section B



Section C: (20 marks)

Questions 31 to 34 carry 3 marks each. Questions 35 to 36 carry 4 marks each
Show your working clearly and write your answers in the spaces provided.

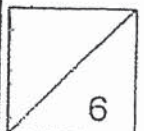
31. Molly had 80 bookmarks.
Kelly had 128 more bookmarks than Molly.
How many bookmarks did they have altogether?

Ans: _____ [3m]

32. Gemma bought 260 eggs. She found that 36 eggs were broken. She put the good eggs equally into 8 baskets.
(a) How many good eggs were there?
(b) How many good eggs were there in each basket?

Ans: a) _____ [1m]

b) _____ [2m]



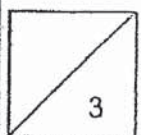
33. David sold 40 cups at \$5 each and James sold twice the number of cups at \$3 each.

(a) Who collected more money?

(b) What is the difference in the amount of money collected?

Ans: a) _____ [1m]

b) _____ [2m]



34. Roy, Mark and John shared 164 marbles.

Mark had 20 marbles more than John and 34 marbles fewer than Roy.

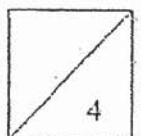
(a) Who had the most number of marbles?

(b) How many marbles did Mark have?

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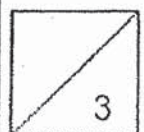
Ans : a) 0 [1m]

b) _____ [3m]

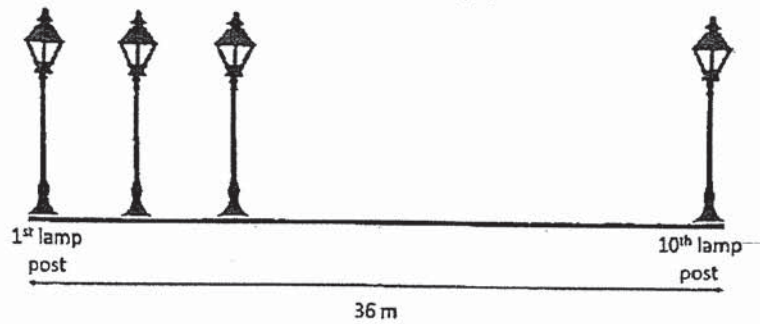


35. In a double-decked ferry, there are 40 more passengers in the lower deck than in the upper deck. 15 passengers in the lower deck move up to the upper deck. How many more passengers are in the lower deck than the upper deck now?

Ans: _____ [3m]



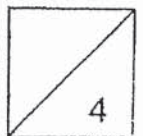
36. There were some lamp posts marked along a path at equal distance apart. The distance between the 1st and the 10th lamp posts was 36 m. If the path was 124 m long, how many lamp posts were marked along it?



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Ans: _____ [4m]

END OF PAPER



SCHOOL : SCGS PRIMARY SCHOOL

LEVEL : PRIMARY

SUBJECT : MATH

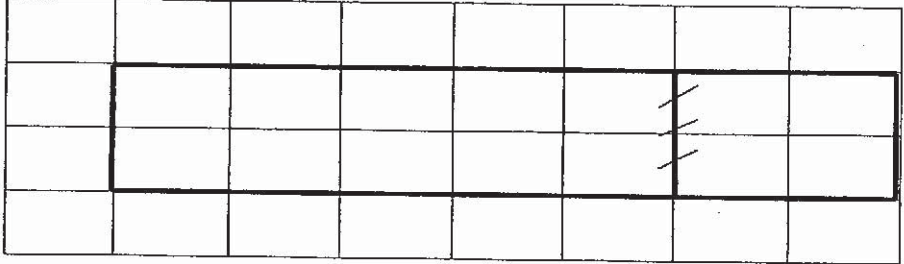
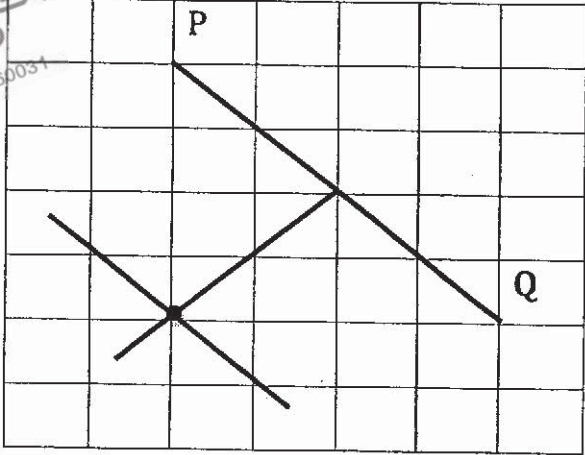
TERM : 2019 SA2

BOOKLET A

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

BOOKLET B

Q16)	3012
Q17)	$460 \times 8 = 3680$
Q18)	$38 \times 5 = 190$ $190 + 3 = 193$
Q19)	C
Q20)	$820 \div 6 = 136 \text{ R}4$
Q21)	$2.45 \text{ p.m} \rightarrow 3.30 \text{ p.m} = 45 \text{ min}$ $3.30 \text{ p.m} \rightarrow 4.30 \text{ p.m} = 1 \text{ h}$ Ans : 2.45 p.m
Q22)	$12 \times 8 = 96$ $10 \times 8 = 80$ $96 - 80 = 16$ $16 \div 8 = 2$
Q23)	$5\text{m} = 500\text{cm}$ $500 - 80 = 420$

	$420 \div 2 = 210\text{cm}$
Q24)	$11 \times 7 = 77\text{cm}^2$
Q25)	$10 \times 8 = 80$ $80 - 3.50 = \$76.50$
Q26)	
Q27)	$1\text{L} = 1000\text{ ml}$ $1000 - 160 = 840$ $840 \div 7 = 120$
Q28)	$12 - 3 = 9$ Perimeter $= 12 + 12 + 3 + 3 + 3 + 3$ $= 36\text{ cm}^2$
Q29)	$12 + 6 = 8$ $42 - 18 = 24$ $24 \div 2 = 12$
Q30)	

Q31)	$80 \times 2 = 160$ $160 + 128 = 288$
Q32)	$260 - 36 = 224$ $224 \div 8 = 28$
Q33)	a) James b) $40 \times 5 = 200$ $40 \times 2 = 80$ $80 \times 3 = 240$ $240 - 200 = \$40$
Q34)	a) Roy b) $n + (n - 20) + (n + 34) = 164$ $3n + 14 = 164$ $3n = 150$ $1n = 50$
Q35)	$15 \times 2 = 30$ $40 - 30 = 10$
Q36)	$10 - 1 = 9$ $36 \div 9 = 4$ $124 \div 4 = 31$ $31 + 1 = 32$

