SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2017

PRIMARY 3

MATHEMATICS

BOOKLET A

Name : _____( ) 13 October 2017

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

This question paper consists of 6 printed pages. (inclusive of cover page)

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

1. What is the value of the digit 6 in 5609?

   (1) 6
   (2) 60
   (3) 600
   (4) 6000

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

3215 , 2351 , 3125 , 2513

   (1) 2351 , 3215 , 3125 , 2513
   (2) 2351 , 2513 , 3215 , 3125
   (3) 2351 , 2513 , 3125 , 3215
   (4) 2513 , 2351 , 3125 , 3215

3. Find the product of 28 and 4.

   (1) 92
   (2) 102
   (3) 104
   (4) 112

4. 8100 + ___?___ = 9050

   (1) 850
   (2) 950
   (3) 1040
   (4) 1400

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5. Which of the following is **not** an equivalent fraction of $\frac{1}{4}$?

(1) $\frac{2}{8}$

(2) $\frac{3}{12}$

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

(4) $\frac{4}{16}$

6. Matthew and Sean bought a pie. Matthew ate $\frac{2}{5}$ of it and Sean ate $\frac{3}{10}$ of it. What fraction of the pie was left?

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

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

(3) $\frac{7}{10}$

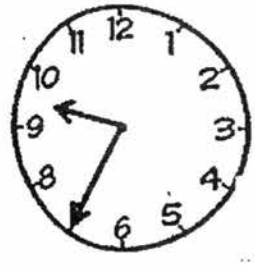
(4) $\frac{5}{15}$

7. Which clock shows the time 25 minutes to 10?

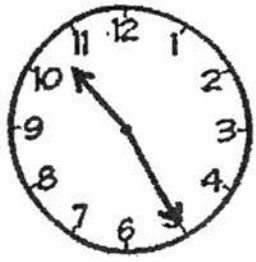
(1)



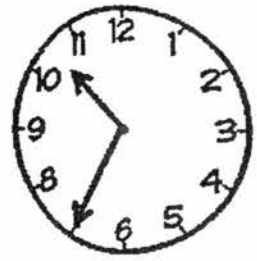
(2)



(3)



(4)

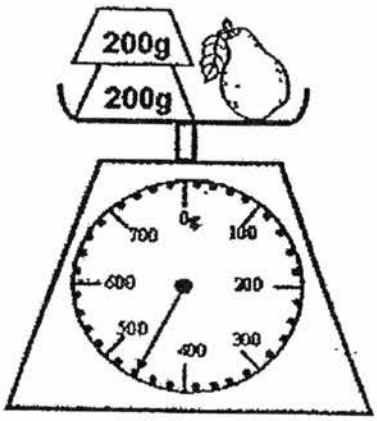


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8. Siti took 40 minutes to travel to school. She left home at 6.25 a.m. What time did Siti reach school?

(1) 5.50 a.m.
(2) 6.45 a.m.
(3) 7.05 a.m.
(4) 8.05 a.m.

9. Find the mass of the pear.



(1) 130 g
(2) 60 g
(3) 30 g
(4) 460 g

10. Fill in the blank with the correct number in the number pattern below.

705 , 730 , 755 , _____ , 805

(1) 770
(2) 775
(3) 780
(4) 790

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11. Which of the following fractions is the greatest?

$\frac{1}{2}$, $\frac{1}{5}$, $\frac{3}{5}$, $\frac{3}{10}$

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

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

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

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

12. 1 km 540 m + 510 m = _____ m

(1) 1050

(2) 1550

(3) 2005

(4) 2050

13. $\frac{5}{12} + \frac{1}{3} = \square$

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

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

(3) $\frac{4}{9}$

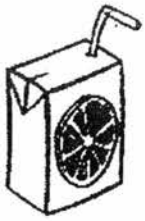
(4) $\frac{6}{15}$

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14. Deena bought the following items and had $1.60 left. How much money did Deena have at first?



Noodles
$1.40



Juice
$0.70



Yogurt
$1.20

(1) $1.70

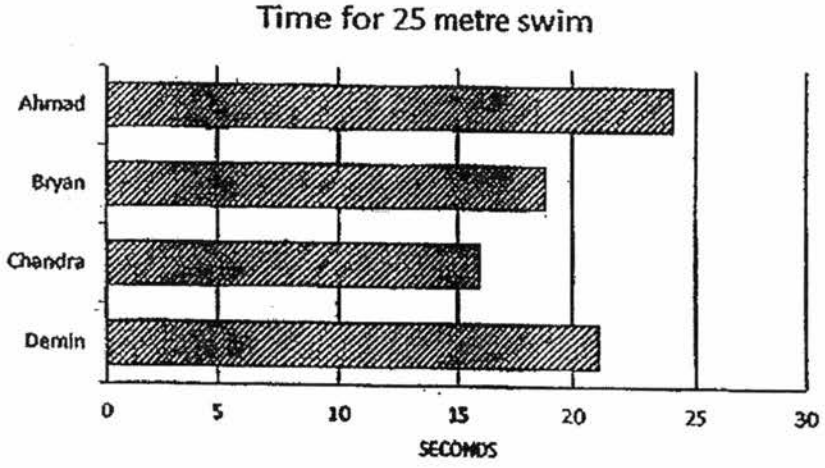
(2) $3.30

(3) $4.90

(4) $5.00

15. The graph below shows the timings taken during a swim meet.

Find the difference in the timing of the slowest and fastest swimmer.



(1) 5 seconds

(2) 8 seconds

(3) 3 seconds

(4) 9 seconds

End of Booklet A

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SINGAPORE CHINESE GIRLS' SCHOOL

SECOND SEMESTRAL ASSESSMENT 2017

PRIMARY 3

MATHEMATICS

BOOKLET B

Name : _____( )

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

13 October 2017

		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

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ANSWER ALL QUESTIONS.

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

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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.

Do not write in this column

16. Write 9049 in words.

Ans: _____

17. In the number 3761, which digit is in the tens place?

Ans: _____

18. What is the value of $\frac{2}{3} + \frac{1}{9}$?

Ans: _____

6

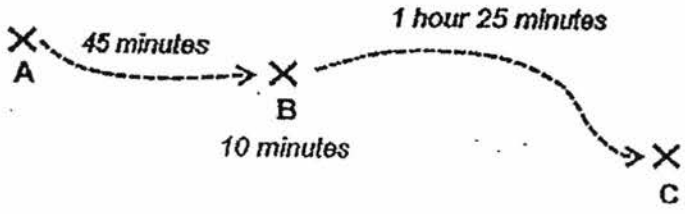
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19. Find the quotient of 740 ÷ 6.

Do not write in this column

Ans: _____

20. John began his hike at Point A and rested at Point B for 10 minutes.
He ended his hike at Point C.
How long did he take to get from Point A to Point C?
Give your answer in minutes.



Ans: _____ minutes

21. A wire measured 415 cm.
Tommy cut the wire into 5 equal pieces.
Find the length of each piece of wire.

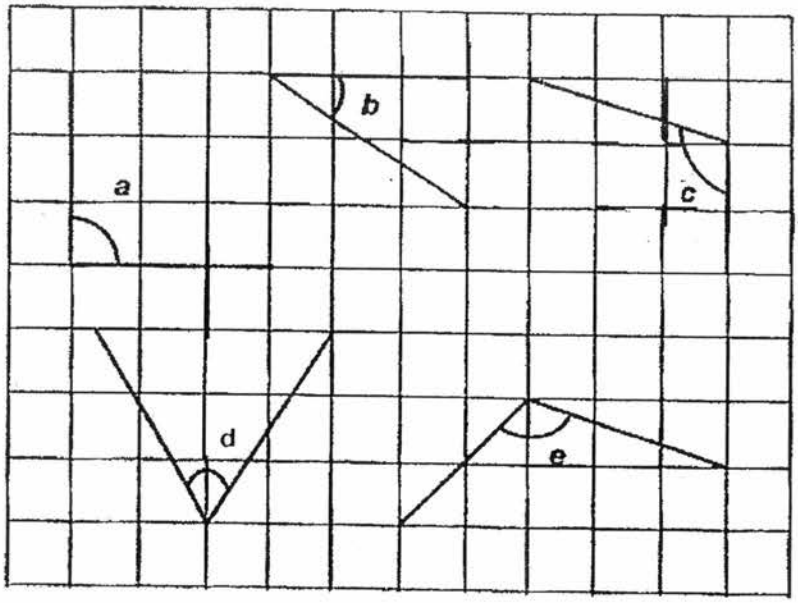
Ans: _____ cm

6

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22. Identify the angles that are greater than a right angle.

Do not write in this colum



Ans: Angles _____ & _____

23. Cailing baked 200 cookies in the morning and gave 38 cookies to her neighbour. She baked 180 more cookies in the afternoon.
How many cookies does Cailing have in the end?

Ans: _____

24. Inez needed 6 cups of water to fill a jug to the brim.
The capacity of each cup is 200mℓ.
What is the capacity of the jug?
Leave your answer in litres and millilitres.

Ans: _____ ℓ ___ mℓ

6

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25. One cupcake cost $1.

Three cupcakes cost $2.50.

What is the most number of cupcakes can Desiree buy with $9?



One for $1



Three for $2.50

Do not write in this column

Ans: _____

---

26. Lacey reached the park at 9.10 a.m. and left at 11.30 a.m.

How much time did Lacey spend at the park?

Leave your answer in hours and minutes.

Ans: _____ hours _____ minutes

4

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27. Zara baked 165 cookies for a party.

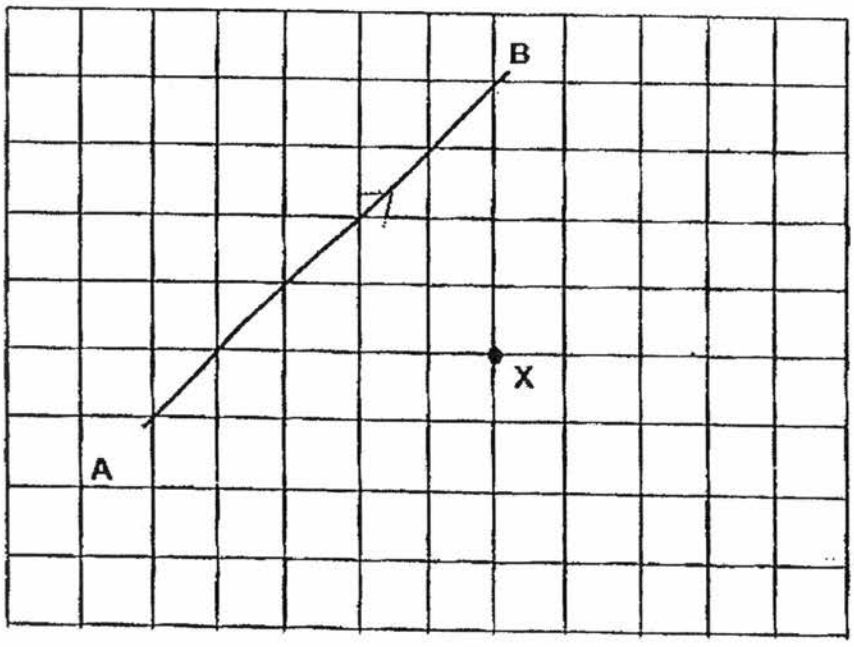
She packed 8 cookies for each guest and had remainder of 5 cookies.

How many guests attended the party?

Do not write in this column

Ans: _____

28. Draw a line through point X that is parallel to line AB.

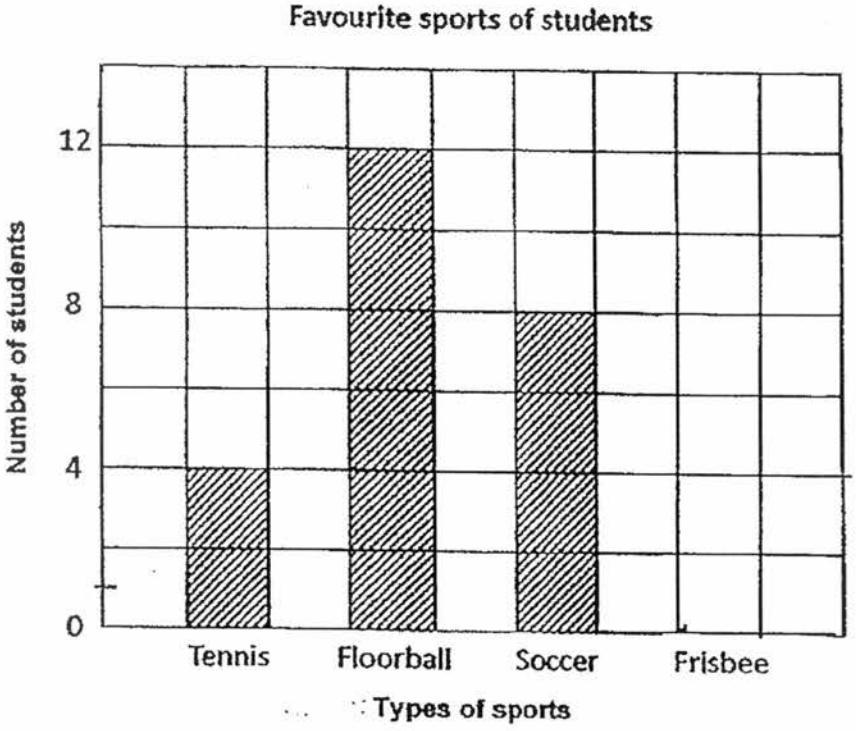


4

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The graph below shows a survey on pupils' favourite sports. Refer to the following graph for questions 29 and 30.

Do not write in this column



29. There were 9 pupils who chose frisbee. Complete the graph for the number of pupils who chose frisbee.

(2 marks)

30. Find the difference between the number of pupils who chose the most and least popular sport.

Ans: _____

4

End of Section B

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Section C: (20 marks)

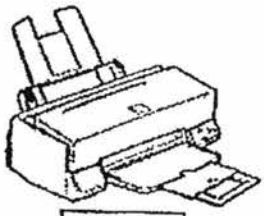
Questions 31 to 34 carry 3 marks each. Questions 35 to 36 carry 4 marks each
Show your workings clearly and write your answers in the spaces provided.

Do not write In this colum

31. Bala bought a camera and a printer.
He received $23 in change.
How much did he give the cashier?



$273



$109

Ans: _____

32. Alayna picked 110 blueberries on Monday and 250 blueberries on Tuesday.
She packed the blueberries equally into 6 baskets.
How many blueberries were there in each basket?

Ans: _____

6

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33. There were 100 less jellybeans in Jar A than Jar B.
Alice transferred 35 jellybeans from Jar B to Jar A.
How many more jellybeans will there be in Jar B than in Jar A now?

Do not write in this column

Ans: _____

34. Stacey was baking bread and cookies for a party.
She spent 2 hours 20 minutes baking bread and another 1 hour 15 minutes baking cookies.

(a) Find the total duration Stacey spent baking.

(b) Stacey was done with baking at 1.45 p.m. What time did she start baking?

Ans: (a) _____
(b) _____

6

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35. Maggie has 3 times as many marbles as Natalie.
Olivia has 12 marbles less than Natalie.
If Olivia has 18 marbles, what is the total number of marbles?

Do not write in this column

Ans: _____

36. Mrs Chee planted 11 trees at equal distances apart on a straight line.
The gap between 4 trees is 27m.
Find the distance between the first and the last tree.

Ans: _____

8

END OF PAPER

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LEVEL : PRIMARY 3
SUBJECT : MATH
TERM : 2017 SA2

SECTION A

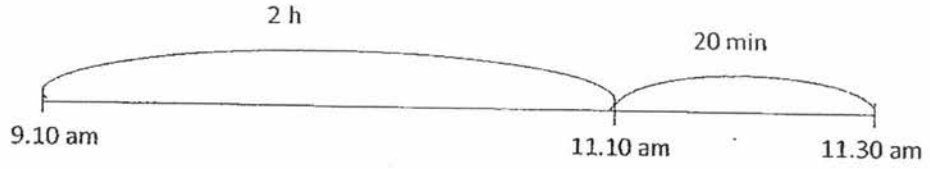
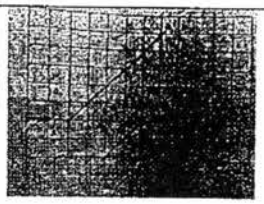
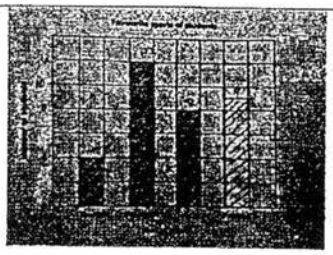
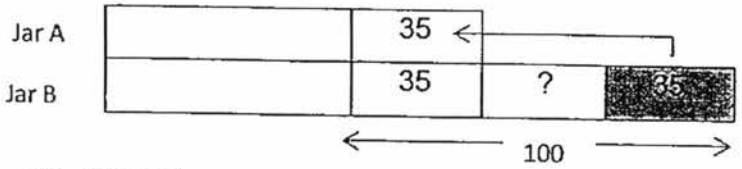
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	4	2	3	2	2	3	2	3

Q11	Q12	Q13	Q14	Q15
3	4	2	3	2

SECTION B

Q16)	**Nine thousand and forty-nine**
Q17)	**6**
Q18)	2/3 = 6/9 6/9 + 1/9 = **7/9**
Q19)	740 ÷ 6 = 123 R 2 **(Ans : 123)**
Q20)	1 hour 25 mins + 45 mins = 1 hour 70 mins 1 hour 70 mins + 10 mins = 1 hour 80 mins = **140 mins**
Q21)	415 ÷ 5 = **83 cm**
Q22)	**Angles c & e**
Q23)	200 – 38 = 162 162 + 180 = **342**
Q24)	200 ml x 6 = 1200 ml = **1 L 200 ml**

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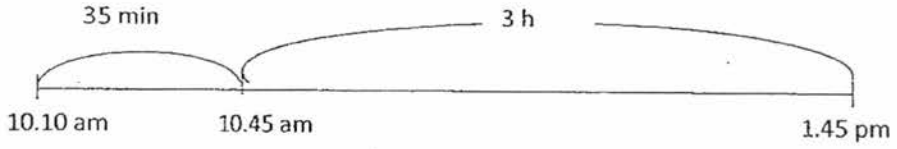
Q25)	6 cupcakes → 2 x $2.50 = $5.00 10 cupcakes → $5 + $1 x 4 = $9 (**Ans : 10 cupcakes**)
Q26)	 **2 hours 20 mins**
Q27)	165 ÷ 8 = 20 R 5 (**Ans : 20**)
Q28)	
Q29)	
Q30)	12 – 4 = **8**
Q31)	$109 + $273 = $382 $382 + $23 = **$405**
Q32)	Total picked on Mon and Tue → 250 + 110 = 360 Blueberry in one basket → 360 ÷ 6 = **60**
Q33)	 100 – 35 – 35 = **30**

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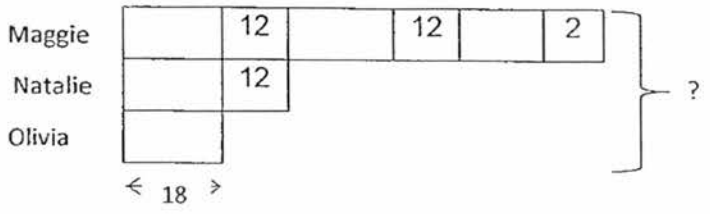
Q34)

a) 2 h 20 min + 1 h 15 min = **3 h 35 min**



b) **10.10 am**

Q35)

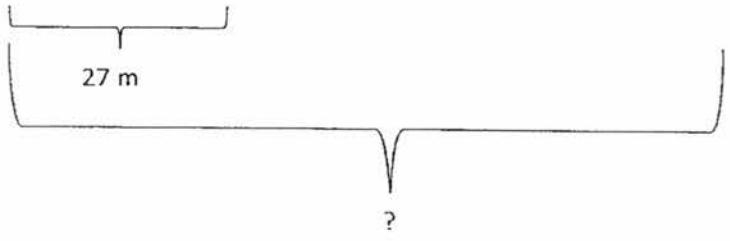


Natalie → 18 + 12 = 30

Maggie → 12 + 12 + 12 + 18 + 18 + 18 = 90

Total → 90 + 30 + 18 = **138**

Q36)



Interval for 4 trees → 4 – 1 = 3

Distance between two trees → 27m ÷ 3 = 9m

Interval for 11 trees → 11 – 1 = 10

Distance between the first and the last tree → 10 x 9m = **90 m**

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