

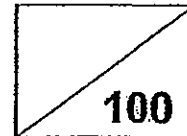
**SINGAPORE CHINESE GIRLS' SCHOOL**  
**SEMESTRAL ASSESSMENT 2012**  
**PRIMARY 2**  
**MATHEMATICS**

Name : \_\_\_\_\_ (    ) Date: \_\_\_\_\_

Class :    Primary 2 SY/C/G/SE/P/GR                      Duration : 1h 30 min

Parent's Signature: \_\_\_\_\_

Marks :



**Section A : (30 marks)**

Questions 1 – 15 carry 2 marks each. For each question, 4 options are given. One of these is the correct answer. Make your choice (1, 2, 3, 4). Shade the correct oval on the Optical Answer Sheet (OAS).

1.    7 hundreds 5 tens = \_\_\_\_\_.

- (1)    57
- (2)    75
- (3)    705
- (4)    750

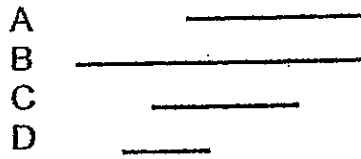
2.     $500 + 30 + 2 =$  \_\_\_\_\_

- (1)    253
- (2)    352
- (3)    523
- (4)    532

3.     $4 \times 6 =$  \_\_\_\_\_

- (1)     $4 + 6$
- (2)     $4 + 4 + 4 + 4$
- (3)     $6 \times 4$
- (4)     $6 + 6 + 6 + 6 + 6 + 6$

4. Which of the following is the longest?



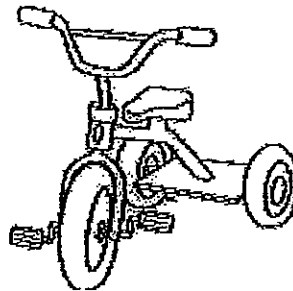
- (1) A
- (2) B
- (3) C
- (4) D

5. Which one of the following letters has only straight lines and no curve lines?

R      W      Q      G

- (1) R
- (2) W
- (3) Q
- (4) G

6. Each tricycle has 3 wheels. When there are 27 wheels, how many tricycles are there?



- (1) 9
- (2) 24
- (3) 30
- (4) 81

7.

Name	Mass
Daphne	23 kg
Ella	25 kg
Fiona	32 kg
Grace	26 kg

Study the table above.

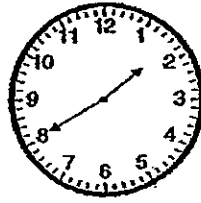
The difference in mass between the lightest and the heaviest girl is \_\_\_\_\_ kg.

- (1) 6
- (2) 7
- (3) 8
- (4) 9

8. Mother baked a pie. She cut it into 8 equal pieces. She ate a piece and gave 4 pieces to her friends. What fraction of the pie was left?

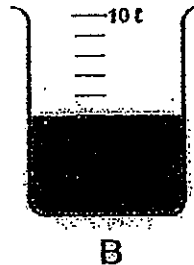
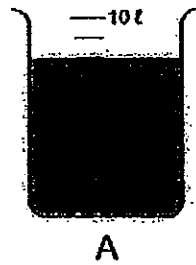
- (1)  $\frac{3}{5}$
- (2)  $\frac{3}{8}$
- (3)  $\frac{4}{8}$
- (4)  $\frac{5}{8}$

9. Lucy boarded her school bus at 1.40 p.m. She took half an hour to reach home. What time did she reach home?



- (1) 1.10 p.m.
- (2) 2.10 p.m.
- (3) 2.30 p.m.
- (4) 2.40 p.m.

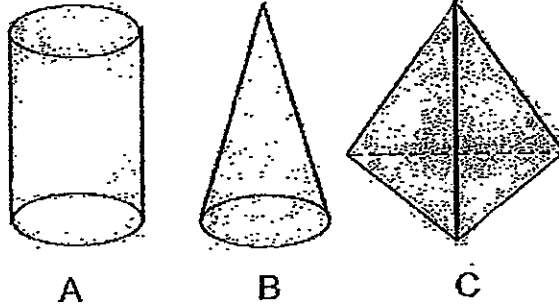
10.



Find the total volume of beaker A and beaker B.

- (1) 12 l
- (2) 13 l
- (3) 14 l
- (4) 15 l

11. Which of the figure(s) below has/have at least 2 flat surfaces or more?



- (1) A only
- (2) A and B
- (3) B and C
- (4) A and C

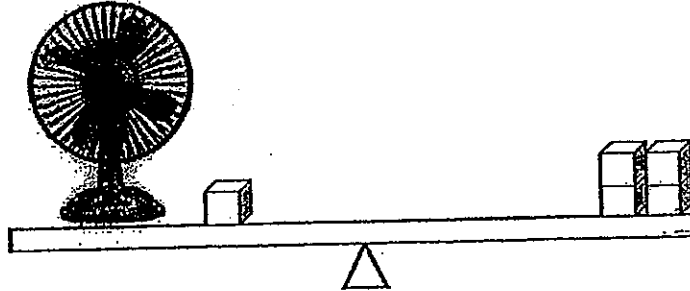
12. Complete the pattern below.



- (1)
- (2)
- (3)
- (4)

13. Study the diagram below.

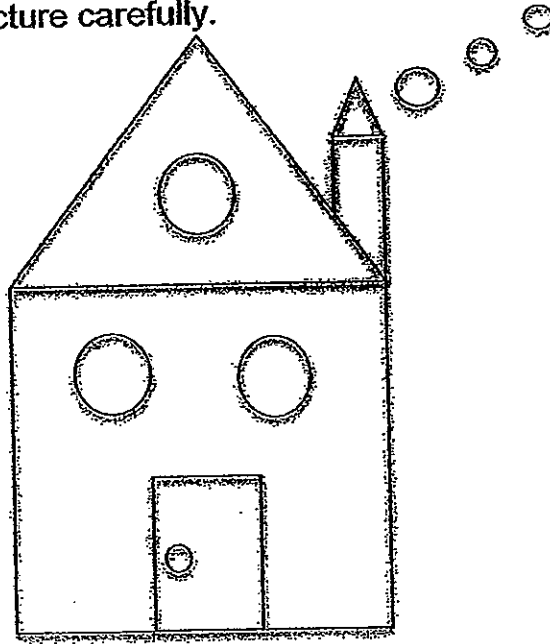
Each  is 2 kg.



What is the mass of the fan ?

- (1) 6 kg
- (2) 8 kg
- (3) 3 kg
- (4) 4 kg

14. Study the picture carefully.



How many fewer triangles than circles are there in the picture?

- (1) 5
- (2) 2
- (3) 7
- (4) 9

15. There are 4 bags of marbles. Bag A has fewer marbles than Bag B. Bag D has more marbles than bag A. Bag C has fewer marbles than Bag B but more marbles than bag D. Which bag has the most marbles?

- (1) A
- (2) B
- (3) C
- (4) D

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End of Section A

**Section B : (50 marks)**

Questions 16 – 40 carry 2 marks each. Write your answers in the blanks provided. All workings must be shown clearly.

16.  $300 - 148 =$  \_\_\_\_\_

Ans: \_\_\_\_\_

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17. Write the following in words:

248	
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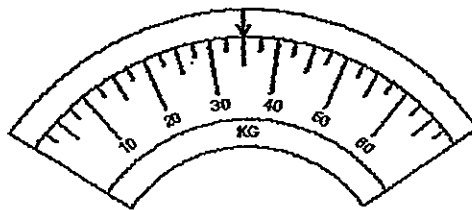
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18. What is 2 tens more than 369?

Ans: \_\_\_\_\_

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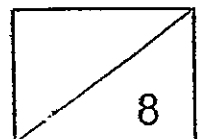
19. Look at the diagram carefully.



Dina's mass is \_\_\_\_\_ kg.

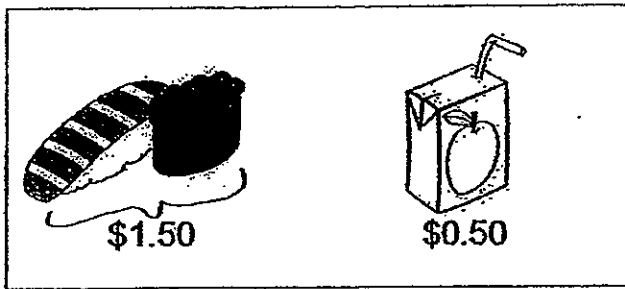
Ans: \_\_\_\_\_ kg

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20.



Tracy had \$5 in her purse. She bought two sushi and a packet of apple juice during recess. How much money had she left?

Ans: \$ \_\_\_\_\_

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21. Arrange the fractions in order beginning with the greatest.

$$\frac{1}{2}, \frac{1}{6}, \frac{1}{5}$$

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(greatest)

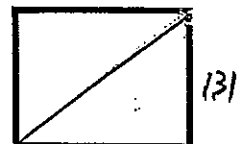
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22. Write a.m. or p.m. in the blanks.

a) Mary goes to sleep at 9.30 p.m. She needs to wake up the next morning at 5.30 \_\_\_\_\_.

b) Mr. Wong goes to work in the evening at 6 \_\_\_\_\_.

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23. Alice completed a test 20 minutes before the ending time as shown in the clock below. What time did she ~~start~~ complete the test?



Ans: \_\_\_\_\_ a.m.

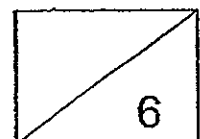
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24. A tank contained 28 t of water. The water is poured out equally into 4 bottles. How much water was poured into one bottle?

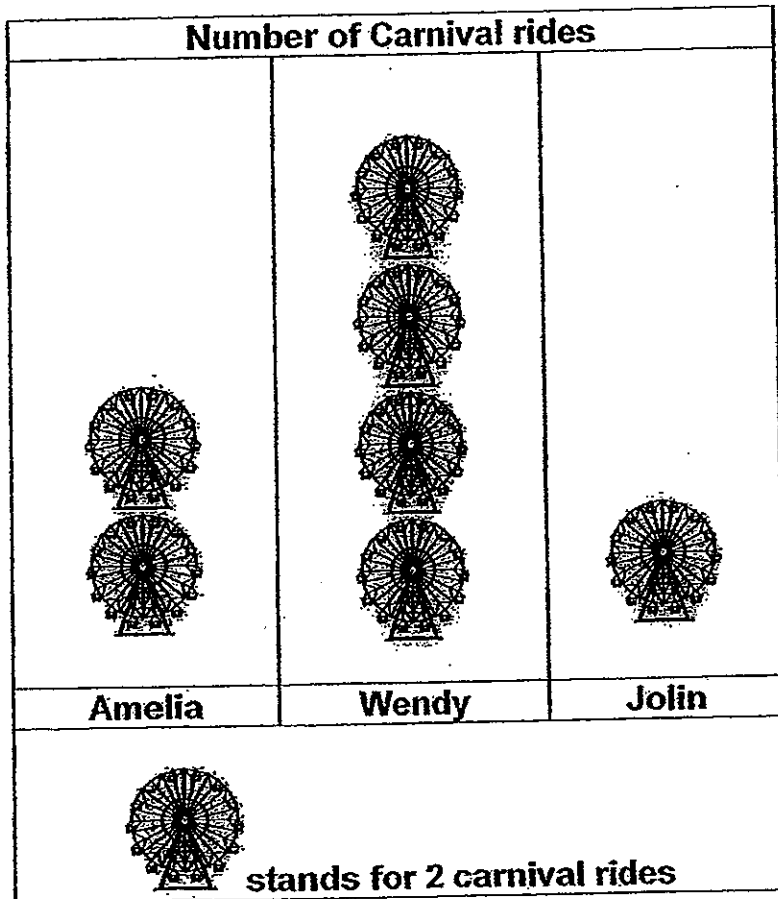
Ans: \_\_\_\_\_ t

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25. Draw two lines in the figure to show that it is made up of a rectangle and two triangles.



The diagram below shows the number of Carnival rides <sup>3 friends</sup> ~~4 friends~~ had taken at the Carnival. Study the diagram carefully and answer questions 26 to 27.

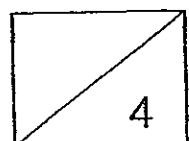


26. How many fewer rides did Jolin take than Wendy?

Ans: \_\_\_\_\_

27. Who took twice as many rides as Amelia?

Ans: \_\_\_\_\_



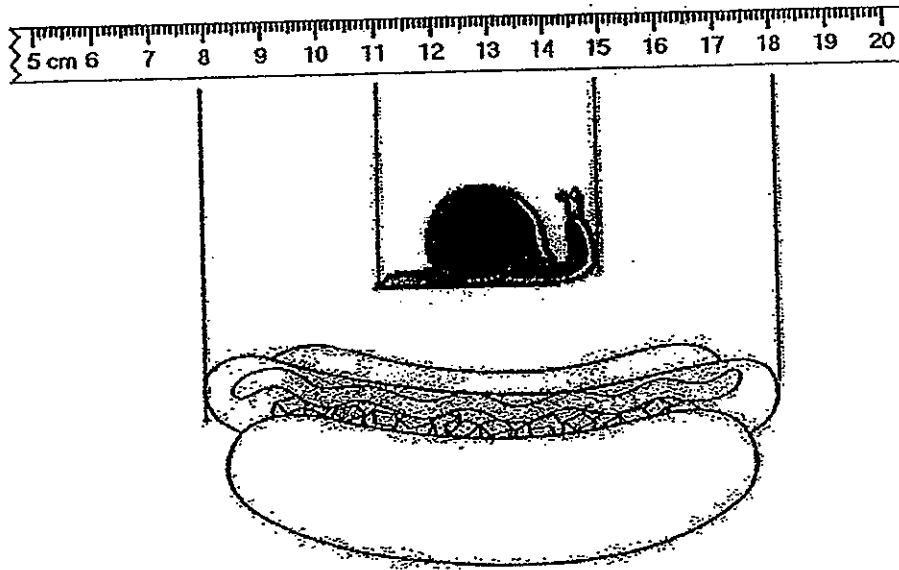
28.  $20 \text{ tens} = 15 + \square$

What is the missing number in the box?

Ans: \_\_\_\_\_

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Study the diagram below and answer questions 29 and 30.



29. How much shorter is the snail than the hotdog?

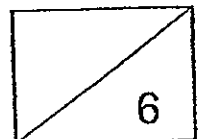
Ans: \_\_\_\_\_ cm

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30. Find the total length of the snail and the hotdog.

Ans: \_\_\_\_\_ cm

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31. Study the box below and answer the question.

T-shirt	Socks	Angry Bird Soft Toy	Basketball
			
\$19	\$6	\$18	\$25

Claire bought two items above and paid \$31. Which two items did she buy?

Ans: \_\_\_\_\_ and \_\_\_\_\_

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32. How many more part(s) must you shade to show  $\frac{1}{2}$  ?



Ans: \_\_\_\_\_

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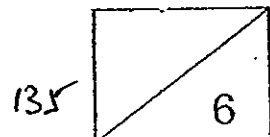
33. A jug of water is poured equally into 3 similar bottles.

The jug can hold 18 l of water.

What is the volume of water in 2 bottles?

Ans: \_\_\_\_\_ l

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34. Study the pattern below. Draw the missing shape in the pattern.



Ans: \_\_\_\_\_

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35. Complete the following number pattern.

52	55	(a)	64	70	77	(b)
----	----	-----	----	----	----	-----

Ans: (a) \_\_\_\_\_

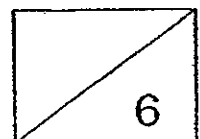
(b) \_\_\_\_\_

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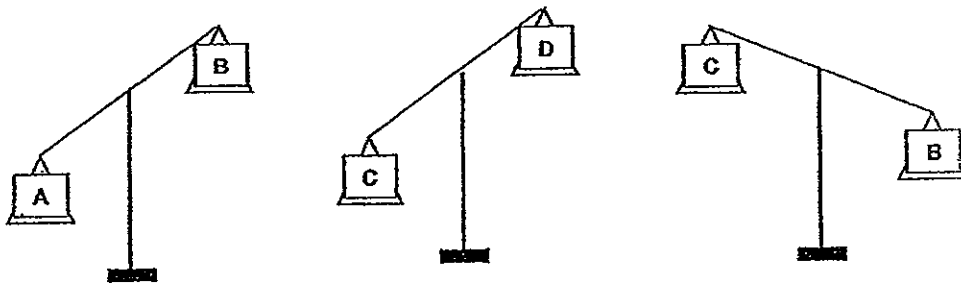
36.  $8 \times 5 = 48 - \square$

Ans: \_\_\_\_\_

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37. Study the diagram below carefully.

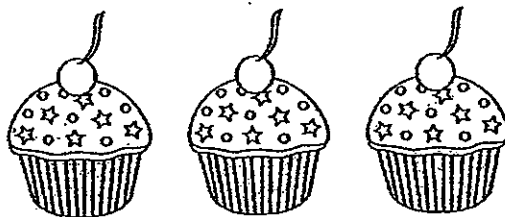


Arrange the boxes A, B, C and D, beginning with the lightest.

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
lightest

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38. Aunt Gina bought 12 cupcakes. How much did she pay for the cupcakes?






3 for \$4


Ans: \$ \_\_\_\_\_

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39.  x  = 100

 -  = 2

 = ?

Ans: \_\_\_\_\_

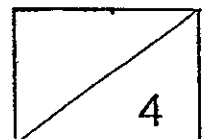
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40. Jenny has 6 coins in her purse. They are fifty-cent, twenty-cent and ten-cent coins. When she counts the amount, she has \$2 altogether. Complete the table below to show the number of fifty-cent, twenty-cent and ten-cent coins she has.

Coins	Number of coins
50 cents	
20 cents	
10 cents	

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End of Section B





**Section C : (20 marks)**

Questions 41 to 44 carry 3 marks each.  
Questions 45 and 46 carry 4 marks each.  
All working must be clearly shown.

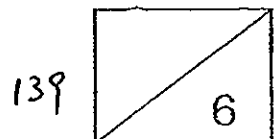
41. After spending \$6 on a pen and \$10 on a file, Lily had \$15 left.  
How much did Lily have at first?

She had \$\_\_\_\_\_ at first.

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42. A bottle contains 3t of cooking oil. A tin contains three times as much cooking oil as the bottle. How many litres of cooking oil are there altogether?

There are \_\_\_\_\_ t of cooking oil altogether.



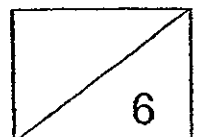
43. Jia Jia had a ribbon that is 170 cm long. After using 135 cm of it, she used the remaining ribbon to decorate some birthday cards. She used 7 cm of the ribbon to decorate one birthday card. How many birthday cards did she decorate?

She decorated \_\_\_\_\_ birthday cards.

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44. Ben has 98 marbles.  
He has 52 marbles fewer than Ryan:  
How many marbles do Ben and Ryan have altogether?

Ben and Ryan have \_\_\_\_\_ marbles altogether.

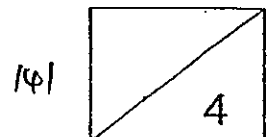


45. There are 485 people watching a dance concert. 129 of them are children and the rest are adults.
- a) How many adults are there?

There are \_\_\_\_\_ adults.

- b) If there are 232 women, how many men are there?

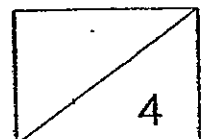
There are \_\_\_\_\_ men.



46. There are some cars and 3 motorcycles at a carpark.  
There are 26 wheels altogether.  
How many cars are there?

There are \_\_\_\_\_ cars.

END OF PAPER



# ANSWER SHEET

## EXAM PAPER 2012

SCHOOL : SINGAPORE CHINESE GIRLS' SCHOOL

SUBJECT : PRIMARY 2 - MATHEMATICS

TERM : SA 2

### SECTION A

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

### SECTION B

16. 152

17. two hundred and forty-eight

18. 389

19. 35

20. 3

21.  $\frac{1}{2}$ ,  $\frac{1}{5}$ ,  $\frac{1}{6}$

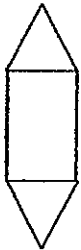
22. a) a.m.

b) p.m.

23. 8.15

24. 7

25.



26. 6

27. Wendy

28. 185

29. 6

30. 14

31. Basketball and Socks

32. 2

33. 12

34.



35. a) 59  
b) 85  
36. 8  
37. D, C, B, A  
38. 16  
39. 8

40.

Coins	Number of coins
50 cents	3
20 cents	2
10 cents	1

### **SECTION C**

41.  $10 + 6 = 16$   
 $16 + 15 = 31$   
She had \$31 at first

42.  $3 \times 3 = 9$   
 $9 + 3 = 12$   
There are 12l pf cooking oil altogether.

43.  $170 - 135 = 35$   
 $35 \div 7 = 5$   
She decorated 5 birthday cards.

44.  $98 + 52 = 150$   
 $150 + 98 = 248$   
Ben and Ryan have 248 marbles altogether.

45. a)  $485 - 129 = 356$   
There are 356 adults.

- b)  $356 - 232 = 124$   
There are 124 men.

46.  $3 \times 2 = 6$   
 $26 - 6 = 20$   
 $20 \div 4 = 5$   
There are 5 cars.