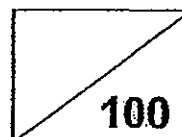**SINGAPORE CHINESE GIRLS' SCHOOL**
SEMESTRAL ASSESSMENT 2012
PRIMARY 2
MATHEMATICS

Name : _____( ) Date: _____

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

Parent's Signature: _____   Marks :

/100

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 x 6 = _____

    (1)   4 + 6
    (2)   4 + 4 + 4 + 4
    (3)   6 x 4
    (4)   6 + 6 + 6 + 6 + 6 + 6

123

4. Which of the following is the longest?
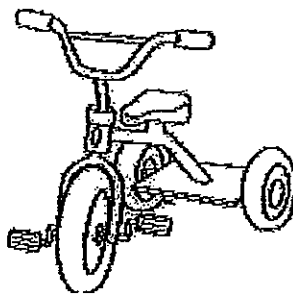
A ———————
B ——————————
C ————
D ——

(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?
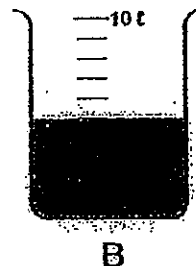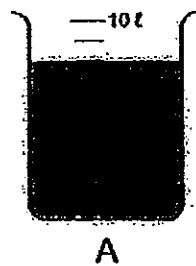
(1) $\dfrac{3}{5}$

(2) $\dfrac{3}{8}$

(3) $\dfrac{4}{8}$

(4) $\dfrac{5}{8}$

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?
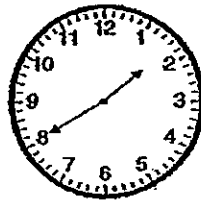
(1)   1.10 p.m.
(2)   2.10 p.m.
(3)   2.30 p.m.
(4)   2.40 p.m.
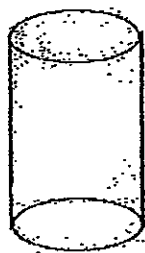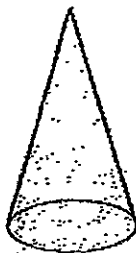
10.

A   B

Find the total volume of beaker A and beaker B.

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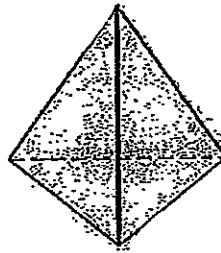(3)   14 ℓ
(4)   15 ℓ

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

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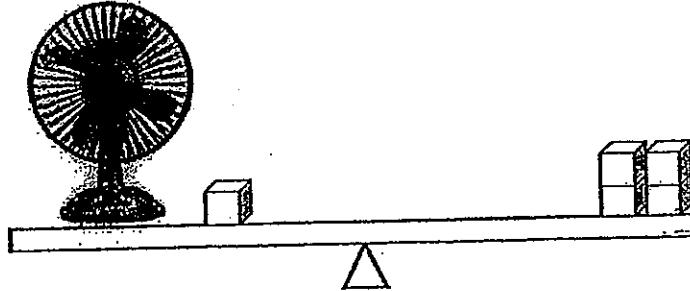
(1)   A only
(2)   A and B
(3)   B and C
(4)   A and C

12. Complete the pattern below.

(1)

(2)

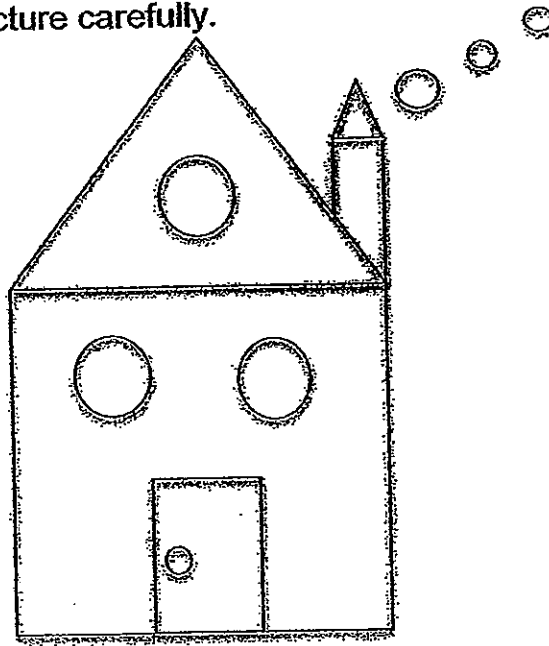(3)

(4)

127

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

_____

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.
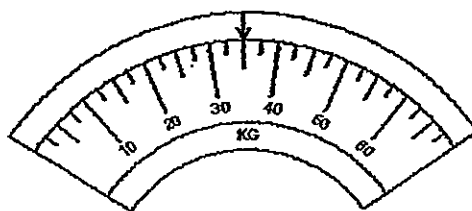
16. 300 - 148 = _____

Ans: _____

17. Write the following in words:

248	

18. What is 2 tens more than 369?

Ans: _____
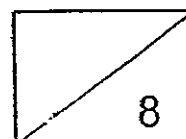
19. Look at the diagram carefully.

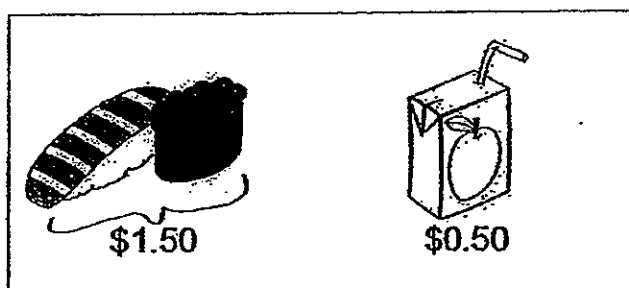Dina's mass is _____ kg.

Ans: _____ kg

8

20.

$1.50 $0.50

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: $_____

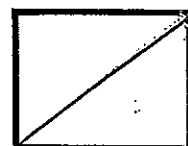21. Arrange the fractions in order beginning with the **greatest**.

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

Ans: _____ , _____ , _____
      (greatest)

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 _____.

/3/

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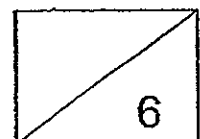
complete

Ans: _____ a.m.

---

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

Ans: _____ ℓ

---

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

6

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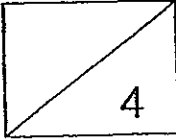Study the diagram carefully and answer questions 26 to 27.

Number of Carnival rides

| Amelia | Wendy | Jolin |

🎡 **stands for 2 carnival rides**
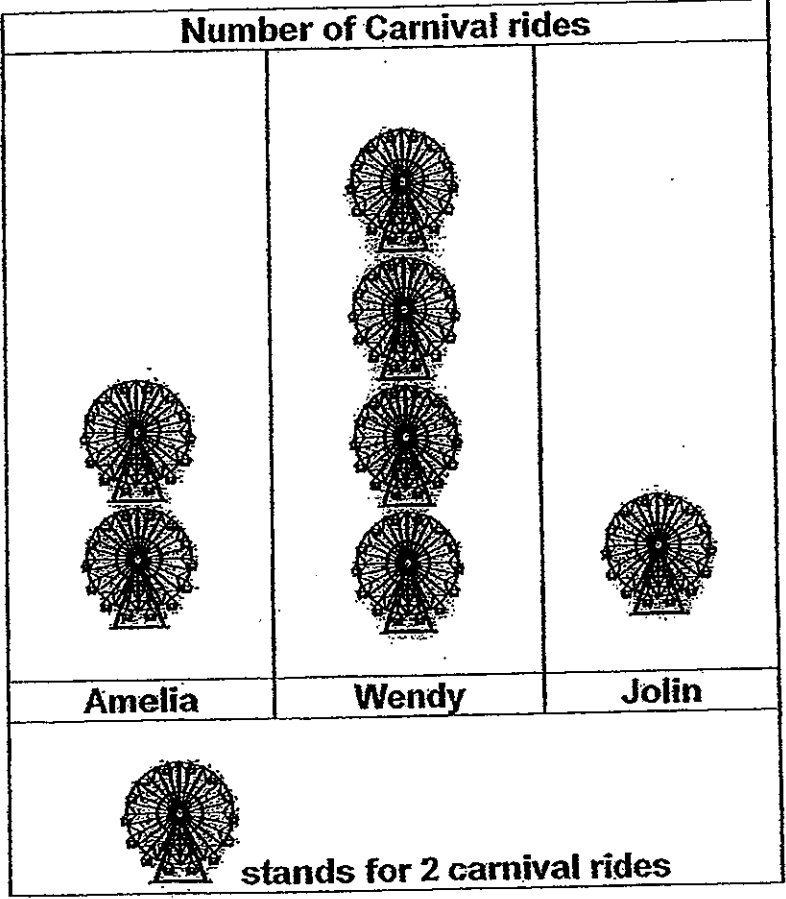
26. How many fewer rides did Jolin take than Wendy?

Ans: _____

27. Who took twice as many rides as Amelia?

Ans: _____

11

133

4
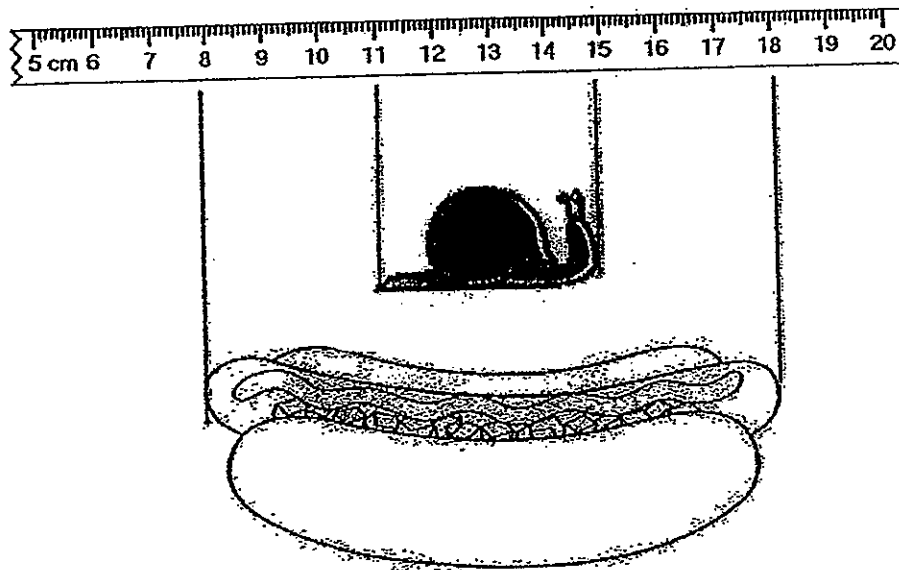
28. 20 tens = 15 + [   ]

What is the missing number in the box?

Ans: _____

Study the diagram below and answer questions 29 and 30.
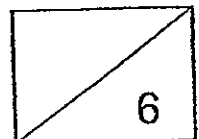

29. How much shorter is the snail than the hotdog?

Ans: _____cm

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

Ans: _____cm
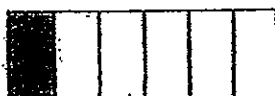
6

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 _____

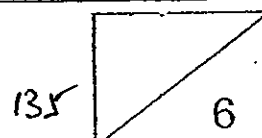32. How many more part(s) must you shade to show $\frac{1}{2}$?

Ans: _____

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

The jug can hold 18 t of water.

What is the volume of water in 2 bottles?

Ans: _____ t

6

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

Ans: _____

35. Complete the following number pattern.

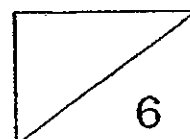| 52	55	(a)	64	70	77	(b)

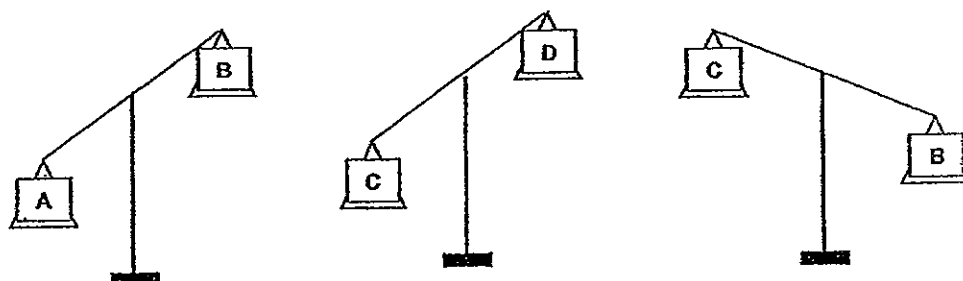Ans: (a) _____

(b) _____

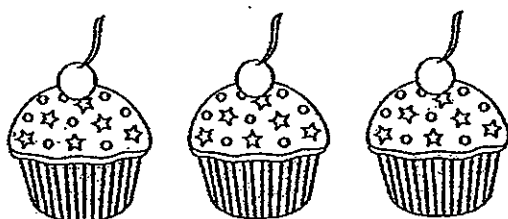36. $8 \times 5 = 48 -$ [ ]

Ans: _____

14

6

37. Study the diagram below carefully.

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

Ans: _____, _____, _____, _____
     lightest

---

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

3 for $4

Ans: $_____

13︱

15

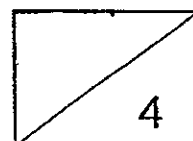39. 🙂 x 🙂 = 100

🙂 - ⭐ = 2

⭐ = ?

Ans: _____

---

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	

End of Section B

4

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.

---

42. A bottle contains 3ℓ 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 _____ ℓ of cooking oil altogether.

139

6
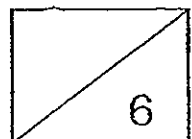
43. Jia Jia had a ribbon that is 170 cm long. After using 135 cm of it, she used the remaining ribbon to decorate some birthday cards. She used 7 cm of the ribbon to decorate one birthday card. How many birthday cards did she decorate?

She decorated _____ birthday cards.

---

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.

6
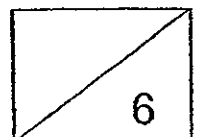
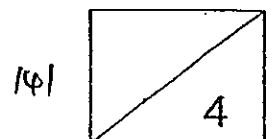45. There are 485 people watching a dance concert. 129 of them are children and the rest are adults.

a) How many adults are there?

There are _____ adults.

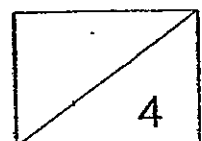b) If there are 232 women, how many men are there?

There are _____ men.

/φ/   4

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

4

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. 1/2, 1/5, 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.

1∜3

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.