

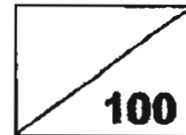
**SINGAPORE CHINESE GIRLS' SCHOOL**  
**SECOND SEMESTRAL ASSESSMENT 2011**  
**PRIMARY 2**  
**MATHEMATICS**

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 in the Optical Answer Sheet (OAS).

1. The digit 1 in the number 108 stands for \_\_\_\_\_.

- (1) 1
- (2) 10
- (3) 100
- (4) 108

2.  $347 + 34 =$  \_\_\_\_\_

- (1) 313
- (2) 371
- (3) 381
- (4) 687

3. Nineteen dollars and forty cents is written as \_\_\_\_\_.

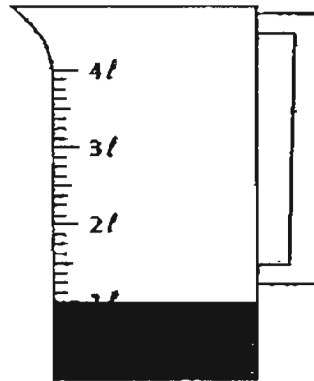
- (1) \$19.40
- (2) \$90.40
- (3) 904¢
- (4) 1914¢



6. A clock shows 2.15 p.m. and is 30 minutes fast. What is the actual time?

- (1) 1.15 p.m.
- (2) 1.45 p.m.
- (3) 2.45 p.m.
- (4) 3.15 p.m.

7. Study the diagram and answer the question below.



3 litres of water was added into the jug above. How many litres of water would there be in the jug?

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

8. Mrs Tan bought a cake.  
 $\frac{1}{6}$  of the cake was eaten by her son.  
 $\frac{4}{6}$  was given to her neighbour.

What fraction of the cake was left?

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

9. Complete the pattern below.



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

10. There is/are \_\_\_\_\_ flat surface(s) in the solid figure below.

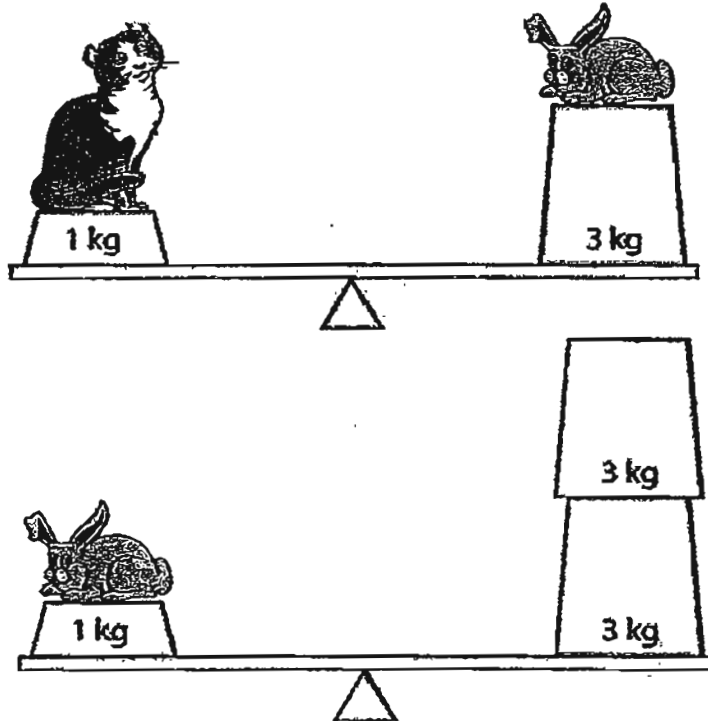



- (1) 1
- (2) 2
- (3) 3
- (4) 4

11. Joanna wants to buy 9 pens. 3 pens cost \$4. She has \$7.  
How much more money does she need?

- (1) \$1
- (2) \$5
- (3) \$8
- (4) \$12

Study the diagram below and answer questions 12 and 13.



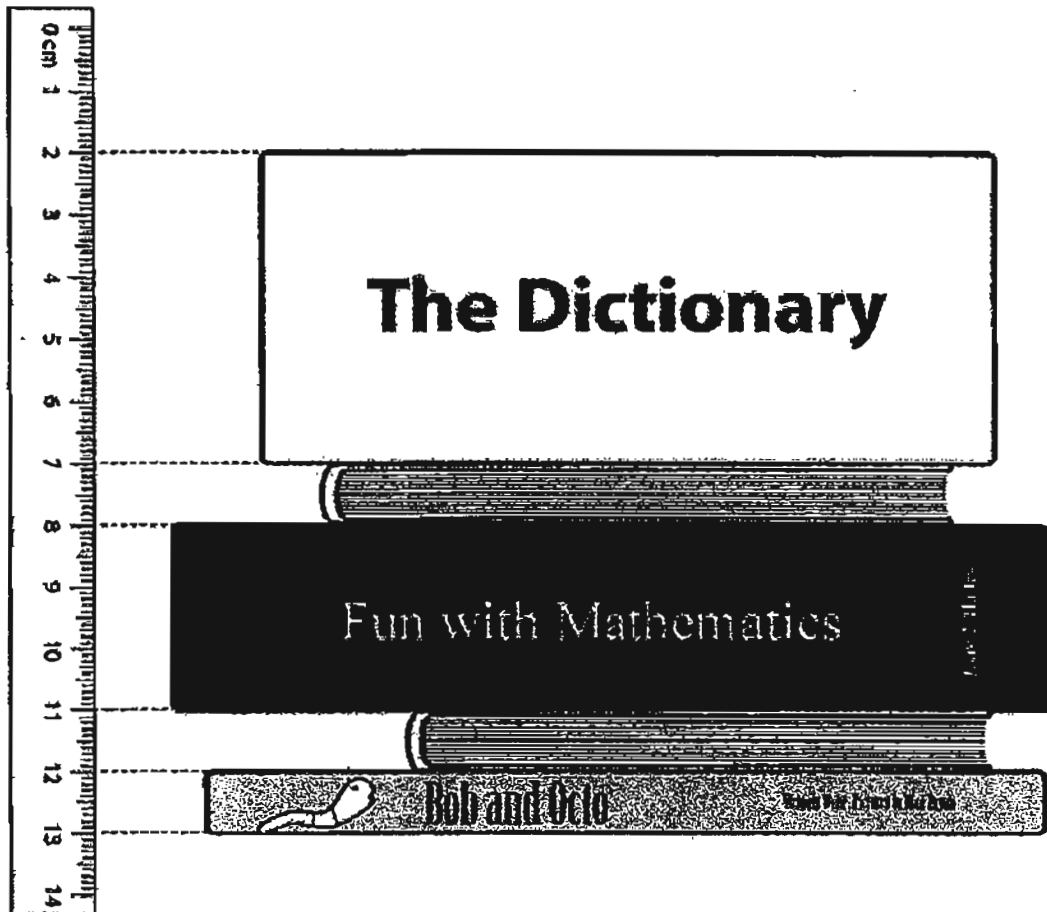
12. What is the mass of the  ?

- (1) 3 kg
- (2) 4 kg
- (3) 5 kg
- (4) 6 kg

13. What is the total mass of a  and a  ?

- (1) 7 kg
- (2) 10 kg
- (3) 12 kg
- (4) 14 kg

Study the diagram below and answer questions 14 and 15.



14. "The Dictionary" is \_\_\_\_\_ times thicker than "Bob and Octo".

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

15. The total thickness of "The Dictionary" and "Fun with Mathematics" is \_\_\_\_\_ cm.

- (1) 8
- (2) 9
- (3) 11
- (4) 18

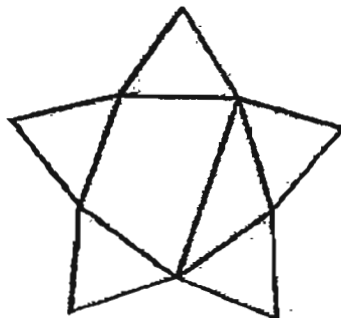
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End of Section A





20. There are \_\_\_\_\_ triangles in the figure below.



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

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

$$\frac{5}{8} \quad \frac{1}{8} \quad \frac{7}{8}$$

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(smallest)

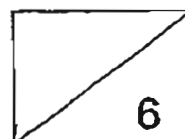
22. Fill in the blanks with *kg*, *g*, *m* or *cm*.

(a) The length of the tissue box is about 15 \_\_\_\_.

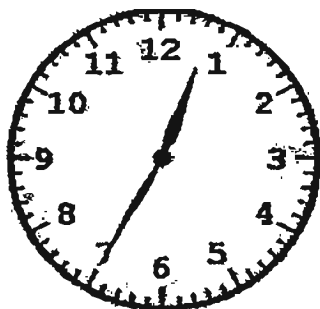
(b) The mass of a school bag is about 3 \_\_\_\_.

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

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



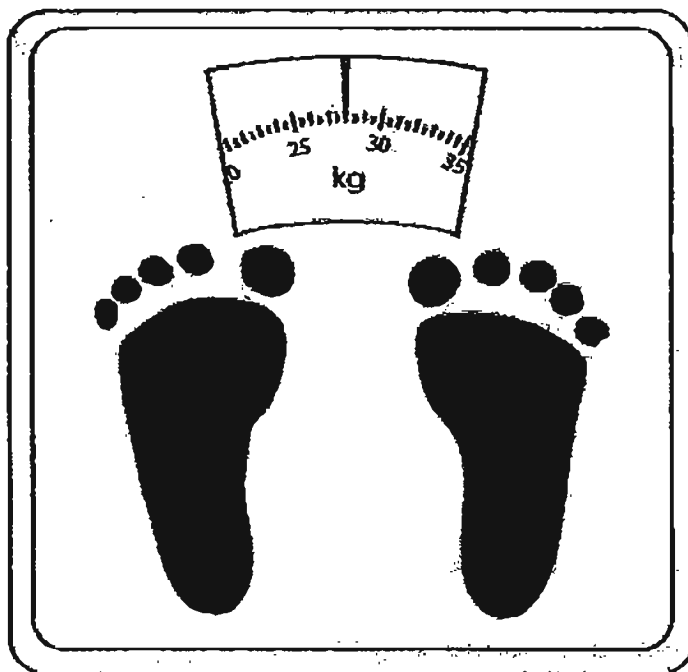
23. What is the time shown on the clock?



Ans: \_\_\_\_\_ p.m.

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24. Look at the diagram carefully.



Bathroom Scale

Brenda stepped on the bathroom scale as shown on the diagram above. Find Brenda's mass.

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

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25. A basket filled with cherries has a mass of 913 g. When it is empty, its mass is 258 g. What is the mass of the cherries?

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

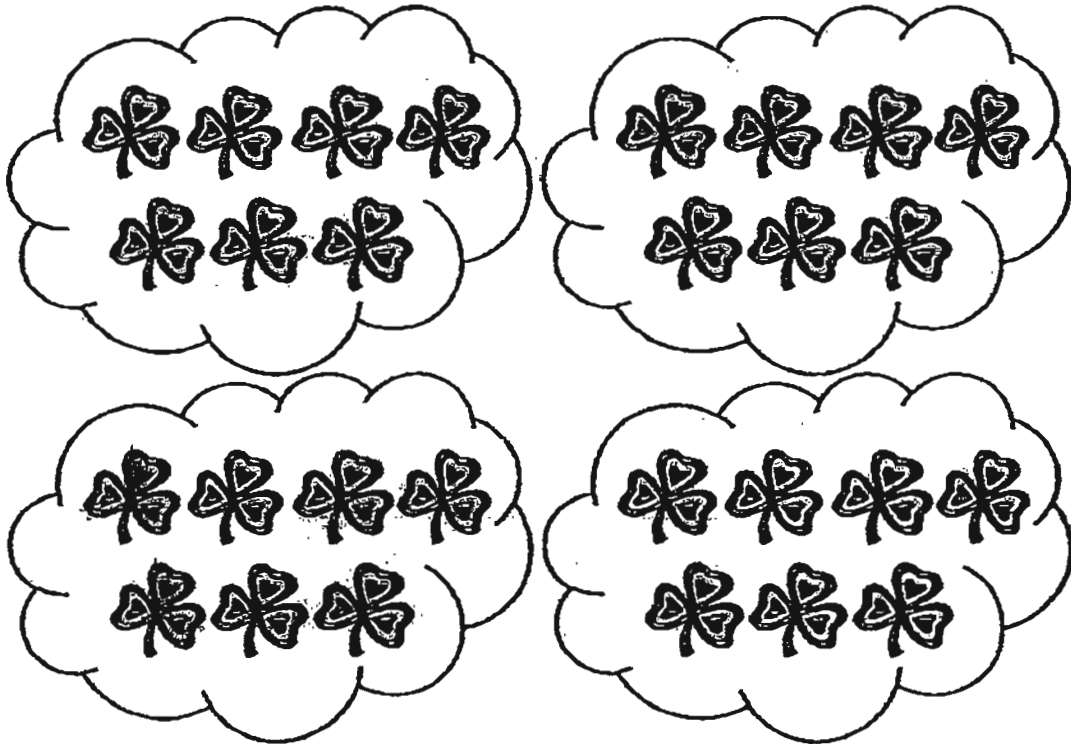
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26. 55 tens + 30 = \_\_\_\_\_.

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

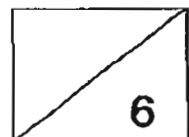
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27. Write one division sentence for the picture below.



Ans:    =

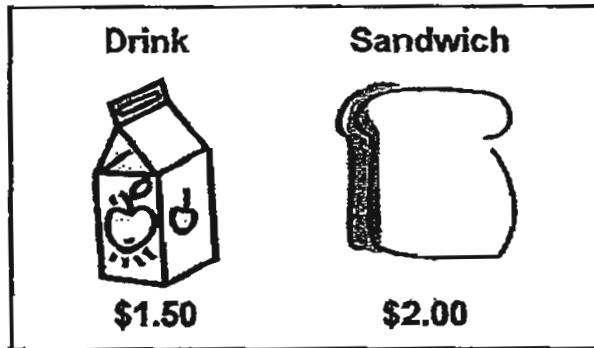
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28.  $6 \times 5 = \boxed{\phantom{000}} + 13$

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

29. Study the picture below and answer the question.

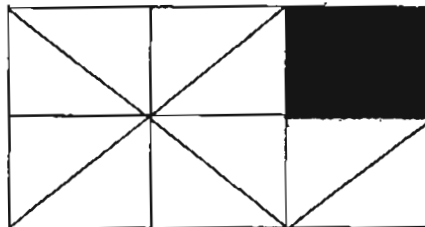


How much would 2 drinks and 3 sandwiches cost?

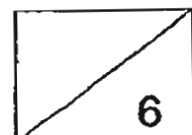
Ans: \$ \_\_\_\_\_

30. In the picture below, 2 triangles are shaded.

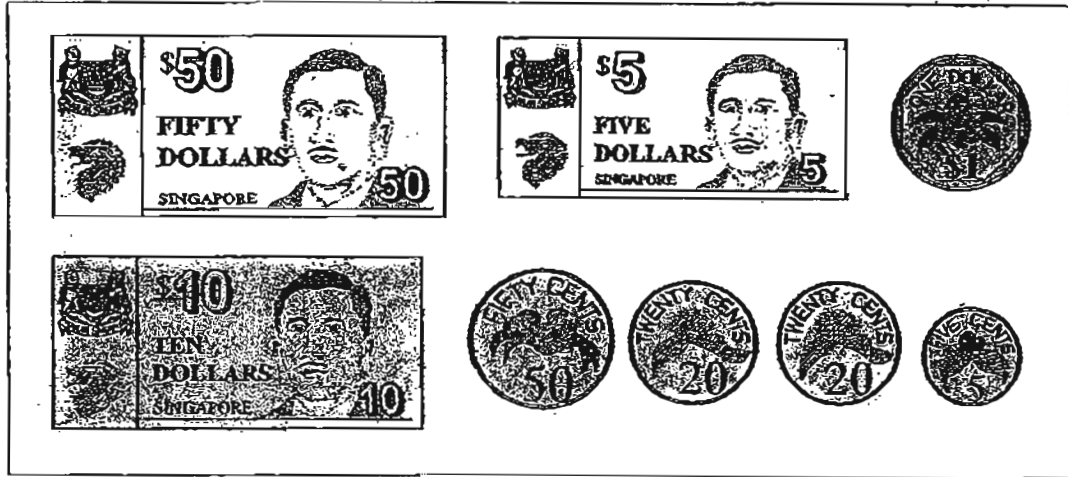
How many more triangles must you shade to show  $\frac{5}{6}$  ?



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



31. How much money is there altogether?



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

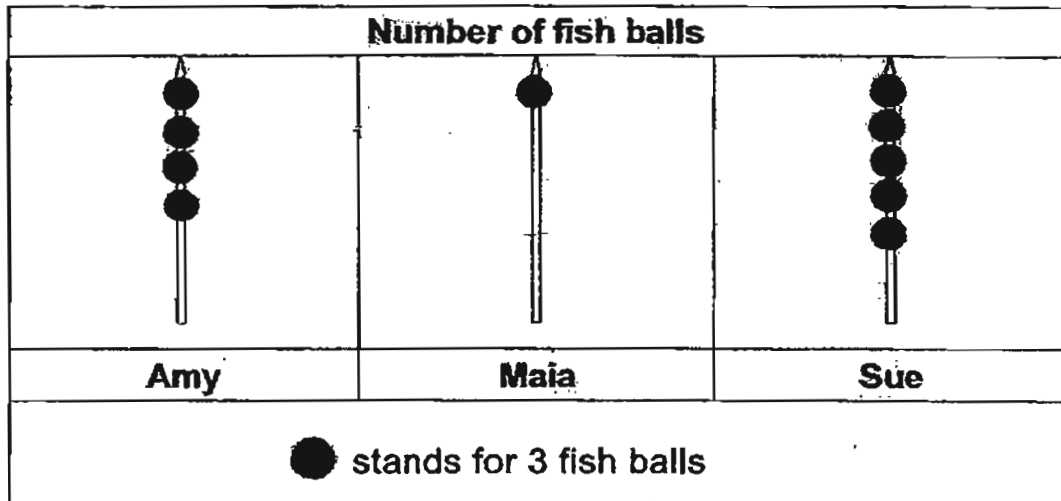
32. Study the diagram below and find the missing number.

$$\begin{array}{r}
 \text{Tiger} + \text{Tiger} - \text{Bear} = 15 \\
 \text{Tiger} = 20 \\
 \text{Bear} = ?
 \end{array}$$

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

The diagram below shows the number of fish balls 3 sisters had at a barbeque.

Study the diagram carefully and answer questions 33 to 35.



33. Amy had \_\_\_\_\_ fish balls.

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

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34. Amy had \_\_\_\_\_ times as many fish balls as Maia.

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

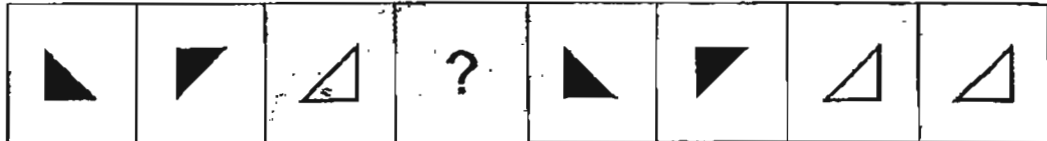
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35. Sue has to give Maia \_\_\_\_\_ fish balls so that they would both have an equal number of fish balls.

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

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36. Study the pattern below. Find the missing shape in the pattern.



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

37.

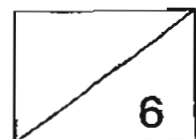
		2		
+	1	2	8	
	3	6	1	

What digit does one represent?

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

38. Julian is taller than Tim.  
 Sarah is shorter than Julian.  
 Mary is shorter than Tim but taller than Sarah.  
 Who is the tallest?

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



39. Mary boarded the bus at 3 p.m. She arrived at the library 20 minutes later. She spent an hour at the library. Her mother came to pick her up. What time did Mary's mother pick her up?



Ans: \_\_\_\_\_ p.m.

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40. Complete the following number pattern.

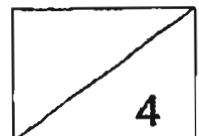
(a)	109	111	114	(b)	123
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Ans: (a) \_\_\_\_\_

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

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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. Thomas had some marbles. He gave 296 marbles to James and lost 18 of them. He had 136 marbles left, how many marbles did he have at first?

He had \_\_\_\_\_ marbles at first.

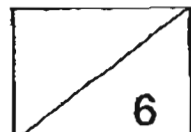
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42. Jenny had 62 red beads and 38 yellow beads.  
Her mother had 105 red and yellow beads.  
(a) Who had fewer beads?  
(b) How many beads did they have altogether?

(a) \_\_\_\_\_ had fewer beads.

(b) They had \_\_\_\_\_ beads.

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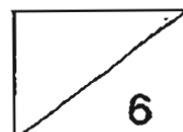
43. Beatrice had 25 stickers. She pasted 1 on her water bottle. She pasted the rest equally in 3 different sticker books. How many stickers were there in each book?

There were \_\_\_\_\_ stickers in each book.

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44. Mr Cheoh sold 10 l of fruit juice each day from Monday to Saturday. He sold 5 l more on Sunday. How many litres of fruit juice did he sell for the week?

He sold \_\_\_\_\_ l of fruit juice for the week.

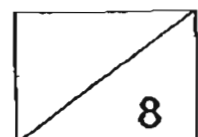


45. Farmer Beng earns \$24 if he sells 8 ducks. How many ducks should he sell in order to earn \$30?

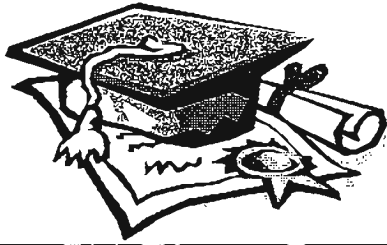
He should sell \_\_\_\_\_ ducks in order to earn \$30.

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46. Mrs Weng has a piece of string 40 m long. She cuts them into 2 pieces. One piece is 28 m longer than the other. Find the length of the longer piece?

The longer piece is \_\_\_\_\_ m.





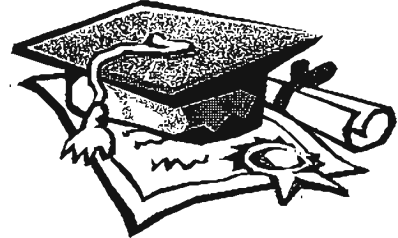


# ANSWER SHEET


**EXAM PAPER 2011**

**SCHOOL : SCGS  
SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**



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

- 16)20      17)45      18)container b      19)nine hundred and twelve
- 20)6 triangles      21)1/8, 5/8, 7/8      22)a)cm      b)kg      23)12.35p.m.
- 24)28kg      25)655g      26)580      27) $28 \div 4 = 7$       28)17
- 29)\$9.00      30)8 triangles      31)\$66.95      32)25      33)12 fish balls
- 34)4 times      35)6 fish balls      36)       37)3      38)Julian
- 39)4.20p.m.      40)a)108      b)118

41) $136 + 18 + 296 = 450$   
He had 450 marbles at first.

42)a)Jenny  $\rightarrow 62 + 38 = 100$   
Jenny had fewer beads.  
b)total  $\rightarrow 100 + 105 = 205$   
They had 205 beads.

43) $25 - 1 = 24$   
 $24 \div 3 = 8$   
There were 8 stickers in each book.

44)Mon to Sat  $\rightarrow 6 \times 10L = 60L$   
Mon to Sun  $\rightarrow 60L + 10L + 5L = 75L$   
He sold 75L of fruit juice for the week.

45) $\$24 \div 8 = \$3$   
 $\$3 \rightarrow 1$  duck  
 $\$30 \div 3 = 10$  ducks  
He should sell 10 ducks in order to earn \$30.

46)2 equal parts  $\rightarrow 40 - 28 = 12$   
1 unit  $\rightarrow 12 \div 2 = 6$   
Longer piece  $\rightarrow 28 + 6 = 34$   
The longer piece is 34m.