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 : /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 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¢

4. How many curved lines are there in the figure below?

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

5. Study the diagrams and answer the question below.

Before

Clock A

After

Clock B

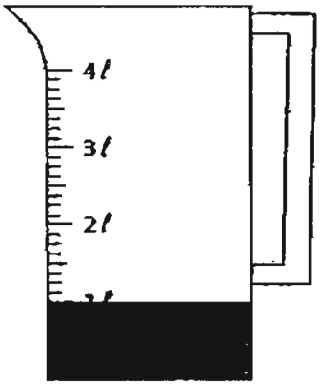
Find the difference in time between Clock A and Clock B.

(1) 20 minutes
(2) 25 minutes
(3) 35 minutes
(4) 55 minutes

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)

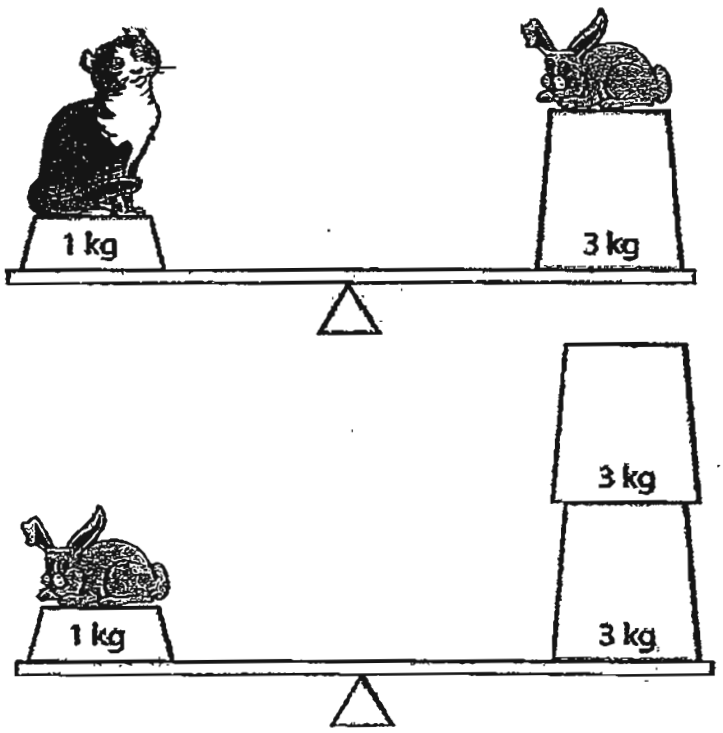
10. There is/are _____ **flat** surface(s) in the solid figure below.

(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.



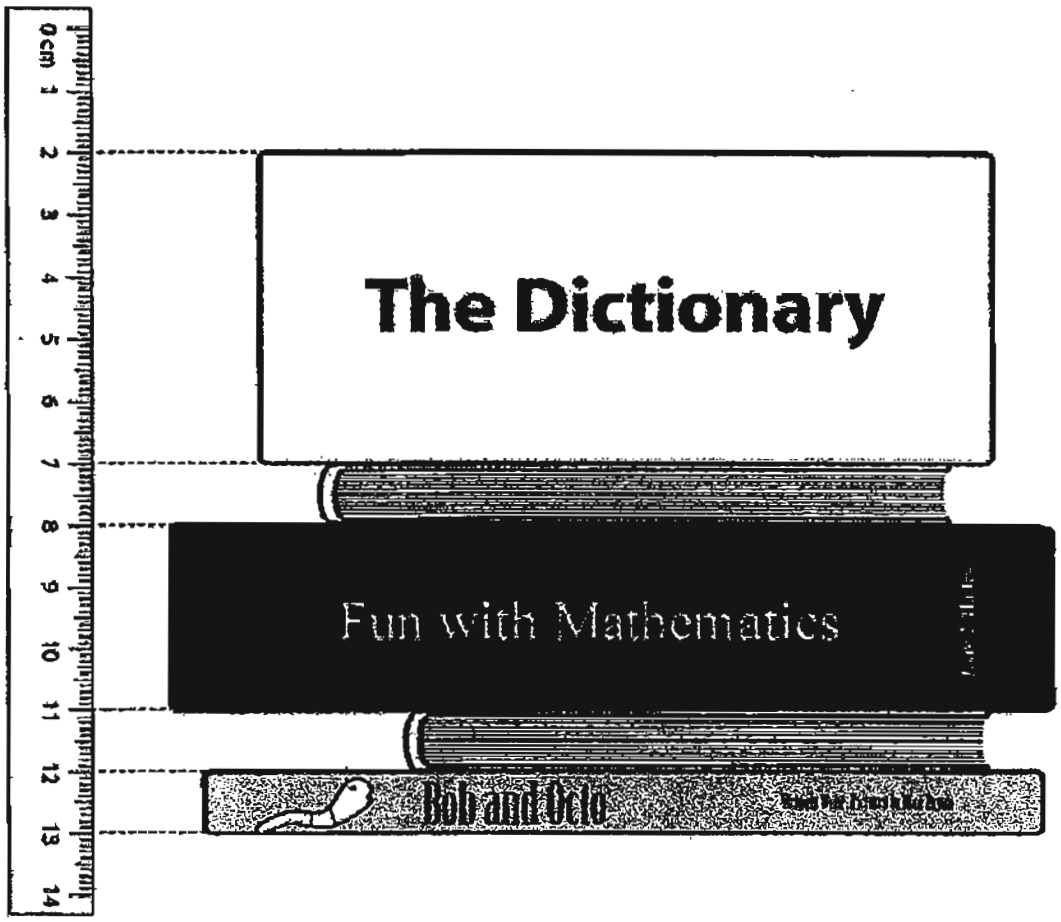
12. What is the mass of the ?

(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

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.

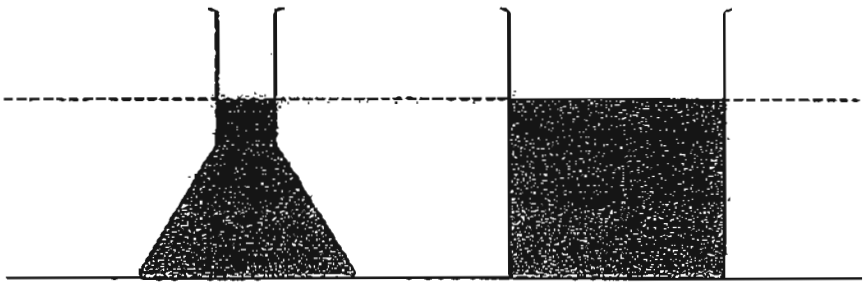
16. 200 + _____ + 5 = 225

Ans: _____

17. 5 groups of 9 is _____ .

Ans: _____

18. Which container below has more water?



A B

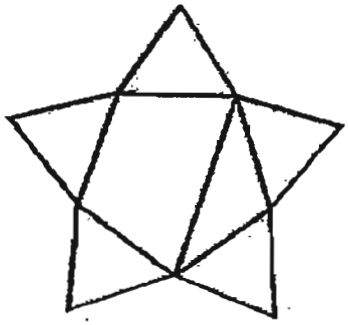
Ans: _____

19. Write the following in words:

912	

8

20. There are _____ **triangles** in the figure below.



Ans: _____

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

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

Ans: _____ , _____ , _____
(smallest)

---

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

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

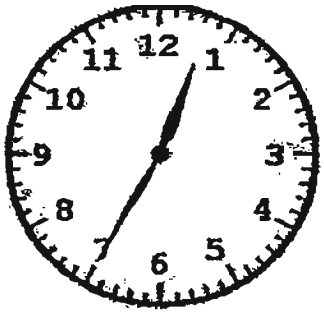
(b) The mass of a school bag is about 3 ____ .

Ans: (a) _____

(b) _____

6

23. What is the time shown on the clock?



Ans: _____ p.m.

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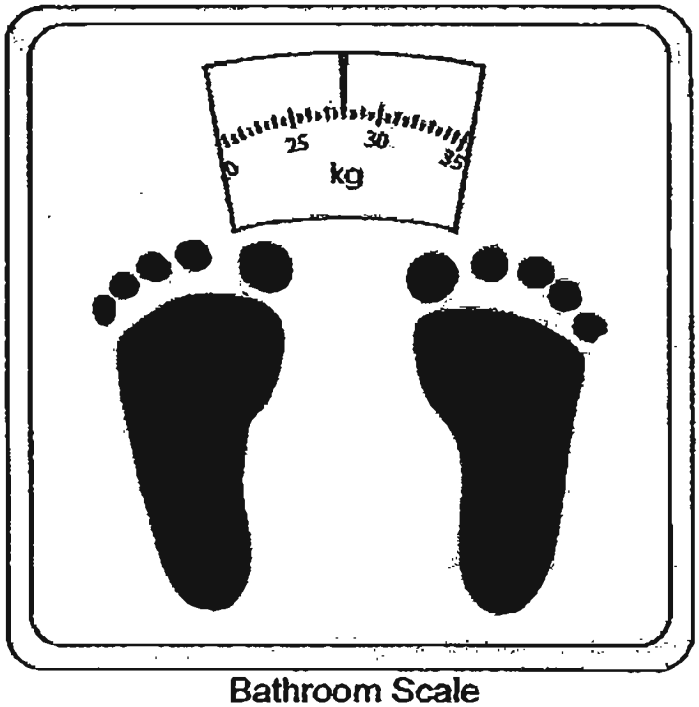
24. Look at the diagram carefully.



Bathroom Scale

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

Ans: _____ kg

4

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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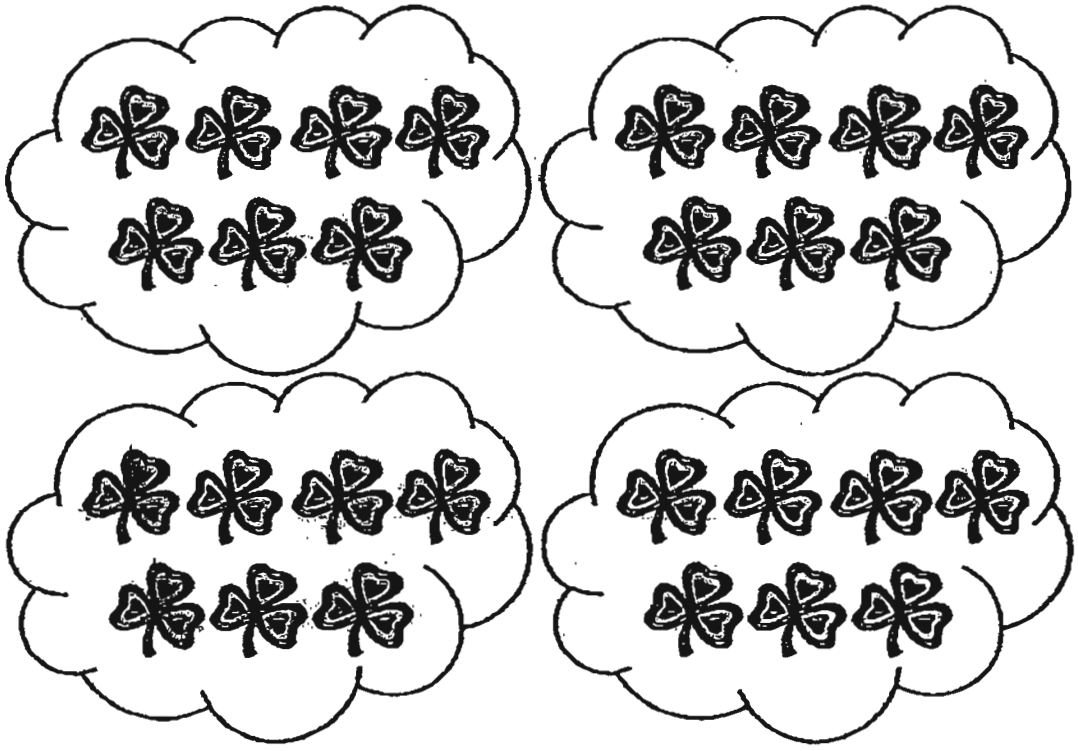
27. Write one **division sentence** for the picture below.



Ans: ☐ ○ ☐ = ☐

6

28. $6 \times 5 =$ ☐ $+ 13$

Ans: _____

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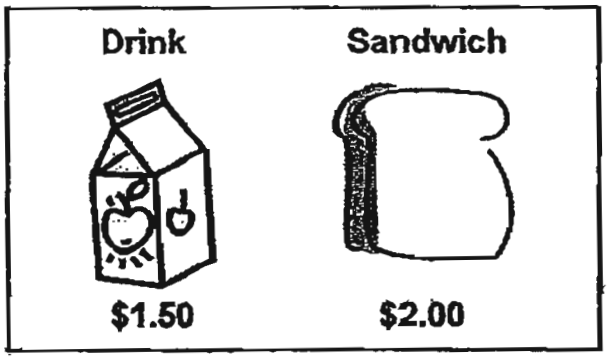
29. Study the picture below and answer the question.



How much would 2 drinks and 3 sandwiches cost?

Ans: $ _____

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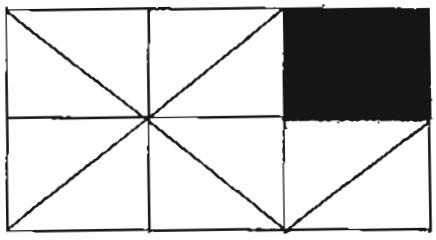
30. In the picture below, 2 triangles are shaded.

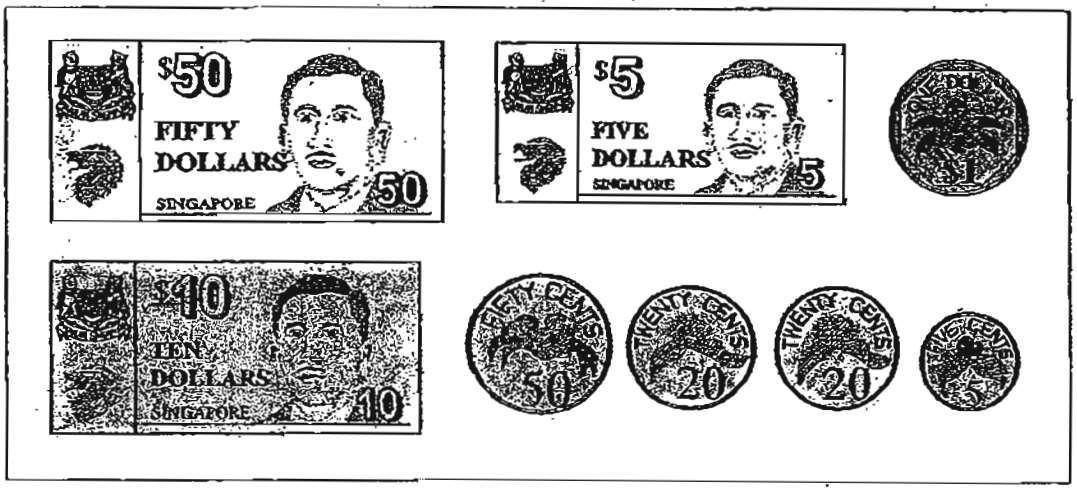
How many <u>more</u> triangles must you shade to show $\frac{5}{6}$?



Ans: _____

6

31. How much money is there altogether?



Ans: $ _____

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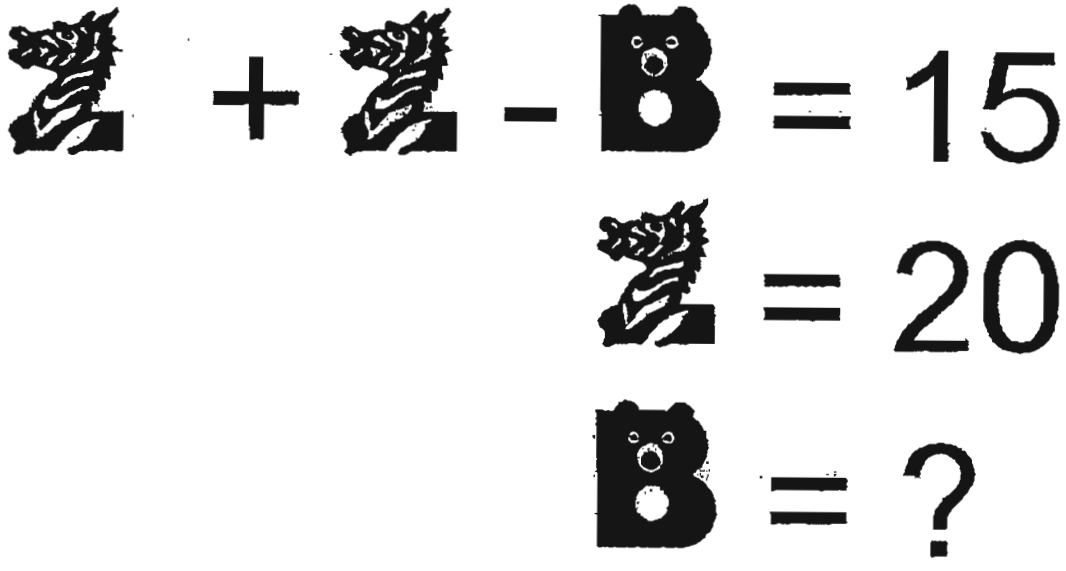
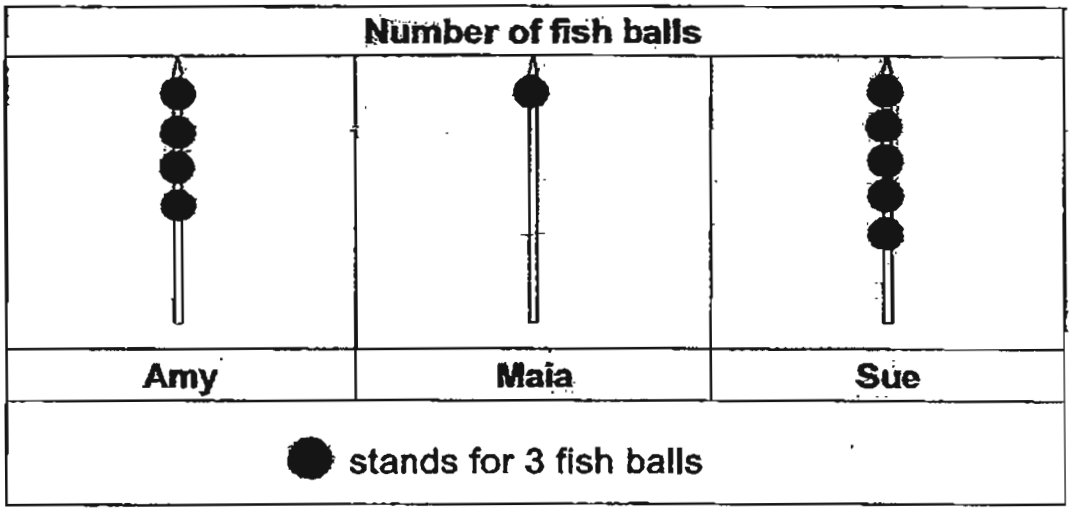
32. Study the diagram below and find the missing number.



Ans: _____

4

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: _____

34. Amy had _____ times as many fish balls as Maia.

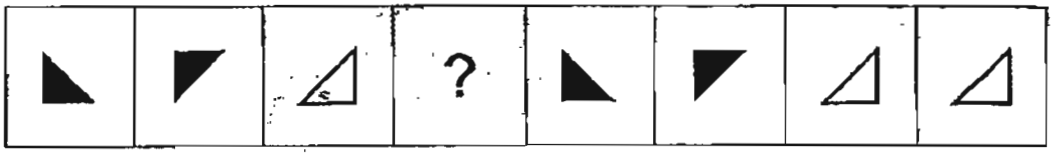
Ans: _____

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

Ans: _____

6

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



Ans: _____

37.

$$\begin{array}{rccc} & 2 & \lightning & \lightning \\ + & 1 & 2 & 8 \\ \hline & 3 & 6 & 1 \end{array}$$

What digit does one represent?

Ans: _____

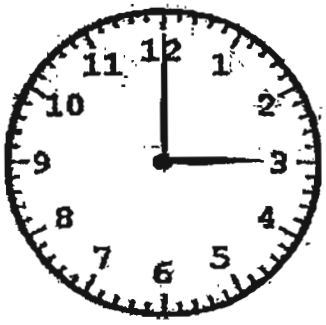
---

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: _____

6

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

Ans: (a) _____

(b) _____

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. 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.

---

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.

6

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.

---

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.

6

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.

8

Answer Ke

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÷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→62 + 38 = 100
Jenny had fewer beads.
b)total→100 + 105 = 205
They had 205 beads.

43)25 – 1 = 24
24÷ 3 = 8
There were 8 stickers in each book.

44)Mon to Sat→6 x 10L = 60L
Mon to Sun→60L + 10L + 5L = 75L
He sold 75L of fruit juice foe the week.

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

46)2 equal parts→40 – 28 = 12
1 unit→12÷ 2 = 6
Longer piece→28 + 6 = 34
The longer piece is 34m.