NANYANG PRIMARY SCHOOL

# SECOND SEMESTRAL EXAMINATION 2013

# PRIMARY 2

# MATHEMATICS

## DURATION: 1 HOUR 30 MINUTES

| | |
|---|---|
| **Section A** | / 40 |
| **Section B** | / 40 |
| **Section C** | / 20 |

| |
|---|
| **Total:** / 100 |

Name: _____ (  )

Class: Primary 2 (  )

Date: 29th October 2013

Parent's Signature: _____

DO NOT OPEN THIS BOOKLET UNTIL YOU ARE TOLD TO DO SO.

FOLLOW ALL INSTRUCTIONS CAREFULLY.

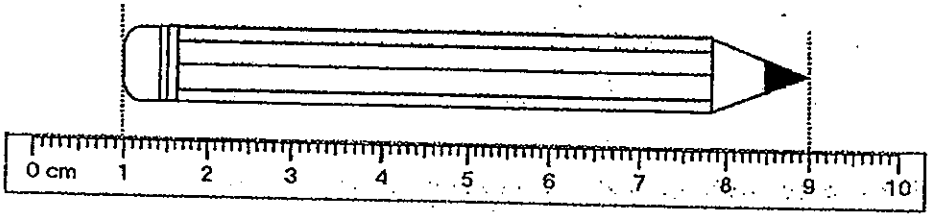
ANSWER ALL QUESTIONS.

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## Section A

Questions 1 to 20 carry 2 marks each.
For each question, four options are given.
One of them is the correct answer.
Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets ( ) provided. (Total: 40 marks)

1. What is the length of the pencil as shown below?




(1) 1 cm
(2) 8 cm
(3) 9 cm
(4) 10 cm
( )

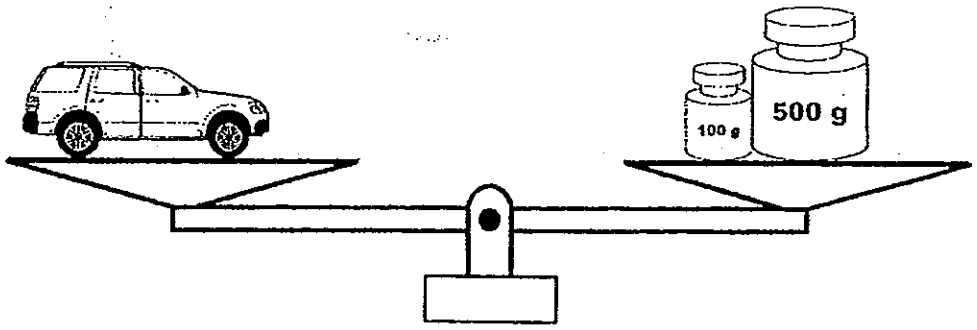
2. 4 groups of 2 is the same as _____.

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



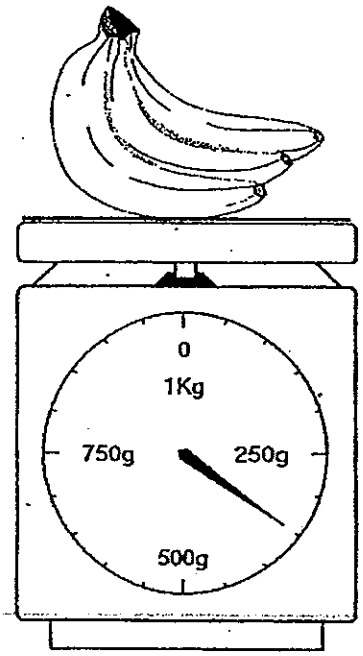
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3. What is the mass of the toy car as shown below?




(1) 100 g
(2) 500 g
(3) 510 g
(4) 600 g ( )

4. What is the mass of the bunch of bananas on the weighing scale as shown below?

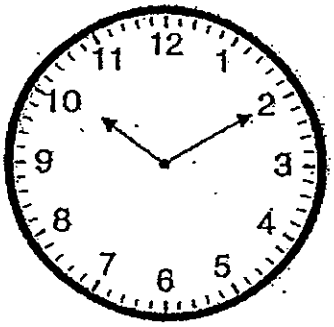



(1) 270 g
(2) 290 g
(3) 350 g
(4) 450 g ( )



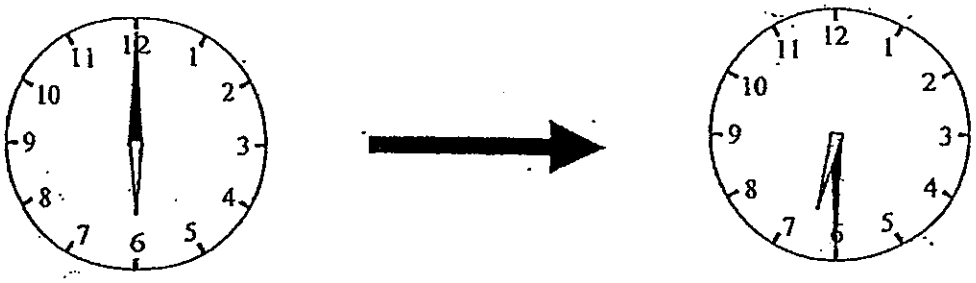
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5. What is the time shown on the clock face below?




(1) 10.10 p.m.
(2) 2.10 p.m.
(3) 10.20 p.m.
(4) 2.02 p.m. (  )

6. How many minutes are there from 6 a.m. to 6.30 a.m.?

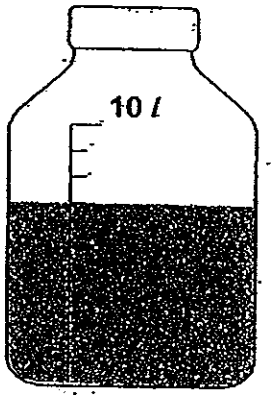



(1) 60 min
(2) 35 min
(3) 30 min
(4) 6 min (  )



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7. How many litres of water are there in the container shown below?




(1) 6 $l$
(2) 7 $l$
(3) 8 $l$
(4) 10 $l$ ( )

8. 2150¢ can be written as $_____.

(1) $2.15
(2) $2.50
(3) $12.50
(4) $21.50 ( )

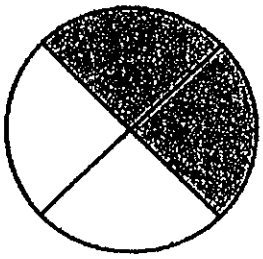


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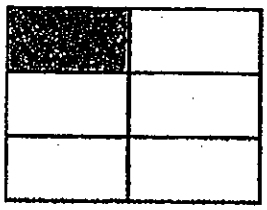
9. Look at the figure below.

Which one of the figures below shows $\frac{1}{4}$ ?

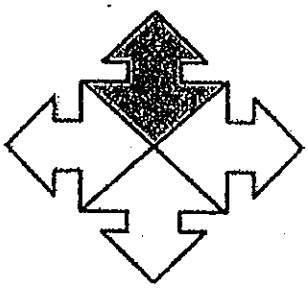
(1)



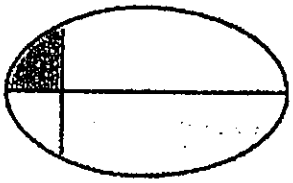
(2)



(3)



(4)



( )

10. Find the sum of $\frac{3}{5}$ and $\frac{1}{5}$

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

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

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

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

( )



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11. Annie is 158 cm tall.
Celine is 27 cm taller than Annie.
How tall is Celine?

(1) 131 cm
(2) 141 cm
(3) 175 cm
(4) 185 cm ( )

12. Mrs Ravi had 32 tulips to be put equally into 4 vases. How many tulips should she put in each of the vases?

(1) 8
(2) 9
(3) 28
(4) 36 ( )

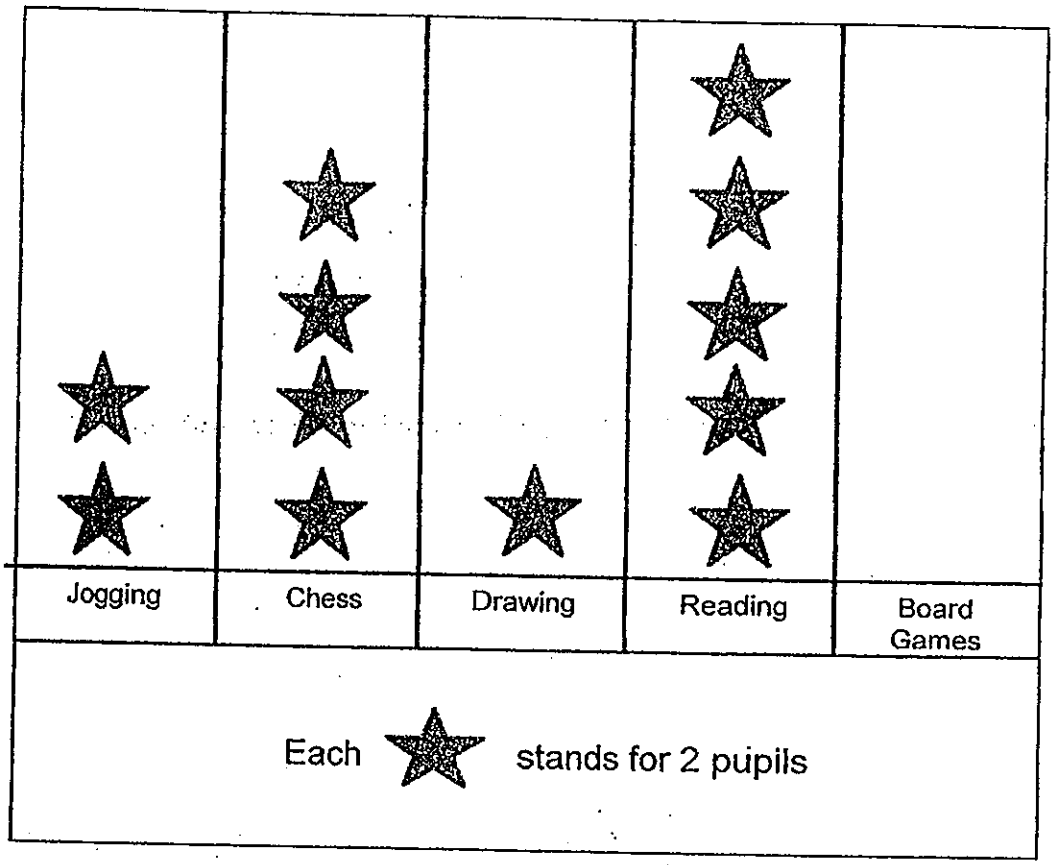


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13. The table below shows the number of pupils and their hobbies.

| Types of hobby | Jogging | Chess | Drawing | Reading | Board Games |
|---|---|---|---|---|---|
| Number of pupils | 4 | 8 | 2 | 10 | 6 |

**Hobbies of Pupils**




According to the picture graph above, how many ★ should be drawn to show the number of pupils who like to play Board Games?

(1) 1 (2) 2

(3) 3 (4) 4 ( )



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14. Farm A had 221 chickens.
Farm B had 363 chickens.
There were 297 chickens left in the two farms after some chickens were sold.
How many chickens were sold?

(1) 287
(2) 363
(3) 660
(4) 881
( )

15. Jasmine had 4 bundles of 5 pencils.
She bought 12 more pencils.
How many pencils did she have in all?

(1) 8
(2) 20
(3) 21
(4) 32
( )

16. Joe had 20 red marbles and some blue marbles.
He packed them into packets of 10 marbles each.
There were 7 packets of marbles altogether.
How many blue marbles did Joe have?

(1) 30
(2) 70
(3) 50
(4) 80
( )



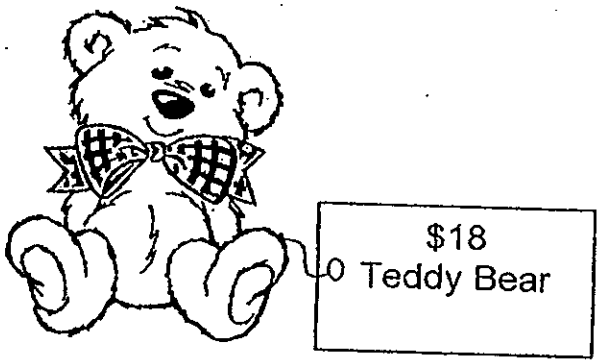
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17. Mrs Smith had 6 boxes of cupcakes.
There were 10 cupcakes in each box.
She ate 9 cupcakes and gave away 1 box of the cupcakes.
How many cupcakes had she left?

(1) 41
(2) 45
(3) 50
(4) 51

( )

18. Xiao Ming bought a teddy bear for $18.
He gave the cashier five $10 notes.




How much change did he receive?

(1) $18
(2) $28
(3) $32
(4) $42

( )



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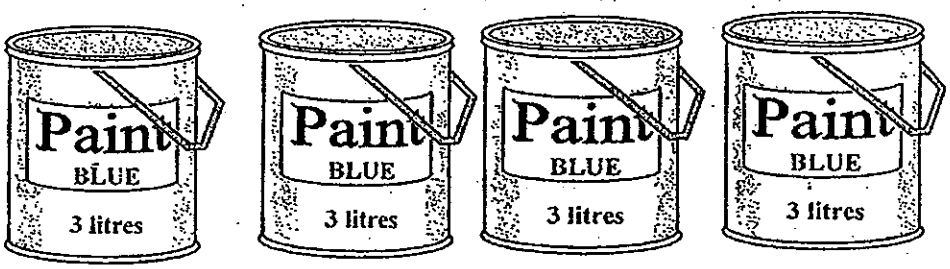
19. Tom was given 3 number cards as shown below.

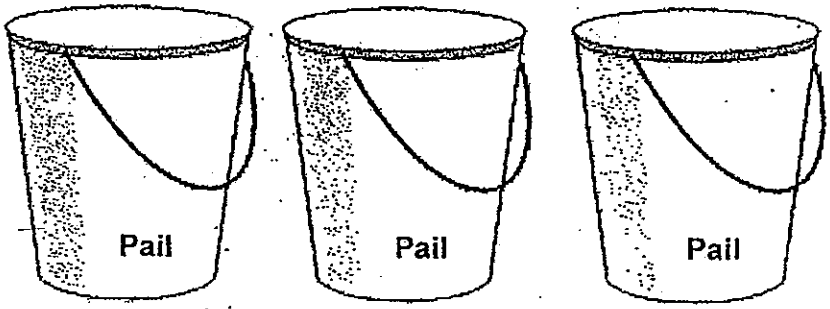
| 7 | 4 | 1 |
|---|---|---|

How many different **3-digitodd** numbers could he form from the cards?

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

20. Mohammad poured all the paint in the four 3-litre blue paint equally into 3 pails as show below.




How many litres of paint were there in each pail?

(1) 12 litres (2) 9 litres
(3) 6 litres (4) 4 litres (  )



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**Section B**

Questions 21 to 40 carry 2 marks each.
Write your answers in the spaces provided.
Give your answer in the units stated. (Total: 40 marks)

21. a) Write 80 tens and 47 ones in numerals.

Answer : _____

b) Write three hundred and five in numerals.

Answer : _____

22. Arrange these numbers in order.
Begin with the smallest.

**265, 295, 259**

_____, _____, _____



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23. Complete the math equation below

$$45 \div 5 = \underline{?}$$

Answer : _____

24. Write the amount of money shown below.

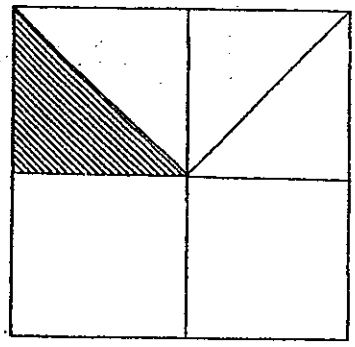



Answer : $ _____



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25. The figure below is a square.
What fraction of the figure below is shaded?



Answer : _____

26. Arrange the following fractions in order beginning with the greatest.

$\frac{5}{9}$ , $\frac{1}{9}$ , $\frac{9}{9}$

Answer : _____ , _____ , _____



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27. Use the numbers below to fill in the boxes.
Use each number only once.

| 193, 785, 655 |
|---|

419 + 236 = ☐

☐ − ☐ = 592

28. A basin and a pail contain 65 *l* of water altogether.
The basin contains 42 *l* of water.
How much water does the pail contain?

Answer : _____ *l*

29. Jane had 10 stamps.
Pete had twice as many stamps as Jane.
How many stamps did they have altogether?

Answer : _____

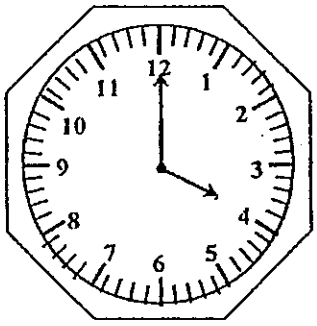


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30. Joanne baked a cake.
She gave $\frac{3}{8}$ of it to Jerry and $\frac{2}{8}$ of it to Carrie.
What fraction of the cake had she left?

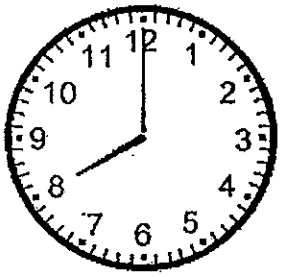
Answer : _____

31. The remedial class ended at the time shown below.
The time as shown below was 1 hour slower than the actual time.
What time did the remedial class end?




Answer : _____ p.m.

32. Tim went to a cinema at the time shown on the clock below.



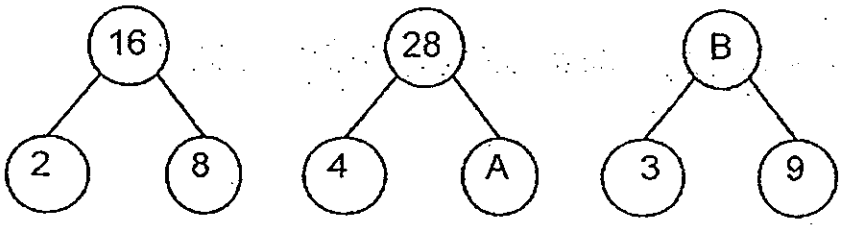

He had his dinner 30 minutes before he went to the cinema.
What time did he have his dinner?

Answer : _____ p.m.



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33. Study the figures below.
What are the missing numbers A and B?




Answer : A: _____

B: _____

34. At a party, there were 6 girls and 4 boys.
Each child was given 4 balloons.
How many balloons were given out altogether?

Answer : _____

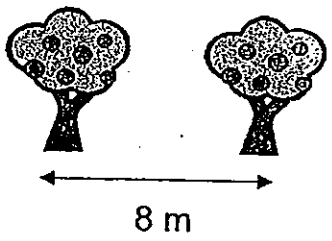
35. Serene had 45 oranges.
She threw 9 rotten oranges away.
She gave the rest of the oranges to her friends.
Each friend received 4 oranges.
How many friends did Serene give her oranges to?

Answer : _____



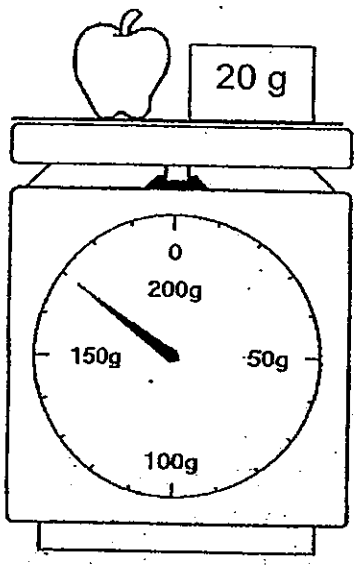
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36. Some trees are equally spaced out along a road.
The distance between the 1st and 2nd tree is 8 m.
What is the distance between the 1st and the 6th tree?




Answer : _____ m

37. Study the diagram below.
What is the mass of **two** such apples?




Answer : _____ g



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38. Uncle David gave Leonard $18.
Leonard saved $5 every day for one week.
How much money did he have in all after one week?

Answer : $_____

39. A concert hall has 24 seats in Row 1.
It has 25 seats in Row 2.
There are 26 seats in Row 3 and 27 seats in Row 4.
Which two rows can seat 52 people?

Answer : Row _____ and Row _____

40. Pamela is older than Felicia but younger than Janelle.
Janelle is younger than Henry.
Who is the oldest?

Answer : _____



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**Section C**

Questions 41 to 45 carry 4 marks each.
Do these word problems carefully.
Show your working clearly in the space provided for each question.

(Total: 20 marks)

41. Kayla reads 3 pages of a book each day.
She completes reading the book after 8 days.
How many pages are there in the book altogether?

There are _____pages in the book altogether.

42. Box A is 572 g.
Box B is 148 g less than Box A.
Box C is 396 g more than Box B.
What is the mass of Box C?

The mass of Box C is _____ g.



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43. There were 216 boys and 153 girls at a party at first.
After an hour, 37 children joined the party.
How many children were there at the party after an hour?

_____ children were at the party after an hour.

44. Jonathan has three times as much money as Veronica.
Veronica has $9.
Rachel has $48 more than Jonathan.
How much money does Rachel have?

Rachel has $_____



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45. The table below shows the number of pupils who joined the Swimming Club in each class.

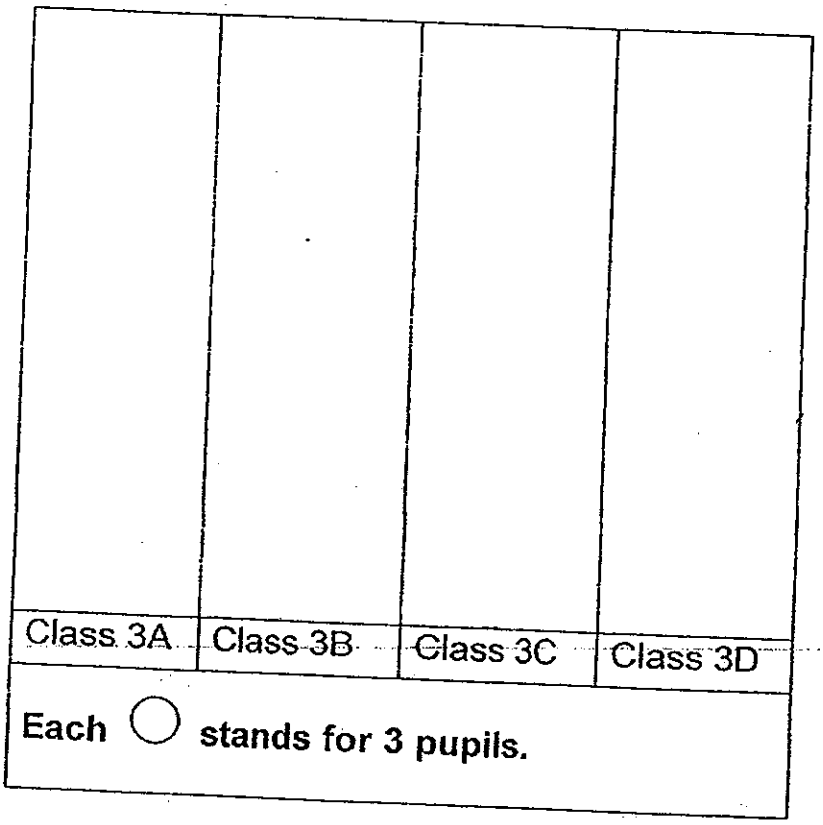
| Class | 3A | 3B | 3C | 3D |
|---|---|---|---|---|
| Number of pupils | 6 | ? | 12 | 3 |

(a) The number of pupils who joined the Swimming Club in Class 3A is two times as many as class 3B.
How many pupils joined the Swimming Club in Class 3B?

_____pupils joined the Swimming Club in class 3B.

(b) Using the information above, complete the picture graph as shown below.

**Pupils who joined the Swimming Club**




*☺ End of Paper ☺*
*Please Check Carefully*



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# ANSWER SHEET

**EXAM PAPER 2013**
**SCHOOL : NANYANG PRIMARY SCHOOL**
**SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**

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| Q1 | Q2 | Q3 | Q4 | Q5 | Q6 | Q7 | Q8 | Q9 | Q10 | Q11 | Q12 | Q13 | Q14 | Q15 | Q16 | Q17 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 | 3 | 4 | 3 | 1 | 3 | 2 | 4 | 3 | 2 | 4 | 1 | 3 | 1 | 4 | 3 | 1 |

| Q18 | Q19 | Q20 |
|---|---|---|
| 3 | 4 | 4 |

Section B

Q21) a) 847
b) 305

Q22) 259, 265, 295

Q23) 9

Q24) $31.45

Q25) 1/8

Q26) 9/9, 5/9, 1/9

Q27) 419 + 236 = 655
785 − 193 = 592

Q28) 23L

Q29) 30

Q30) 3/8

Q31) 5:00pm

Q32) 7:30pm

Q33) A: 7
B: 27

Q34) 40

Q35) 9



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Q36) 40m
Q37) 300g
Q38) $53
Q39) Row 2 and 4
Q40) Henry

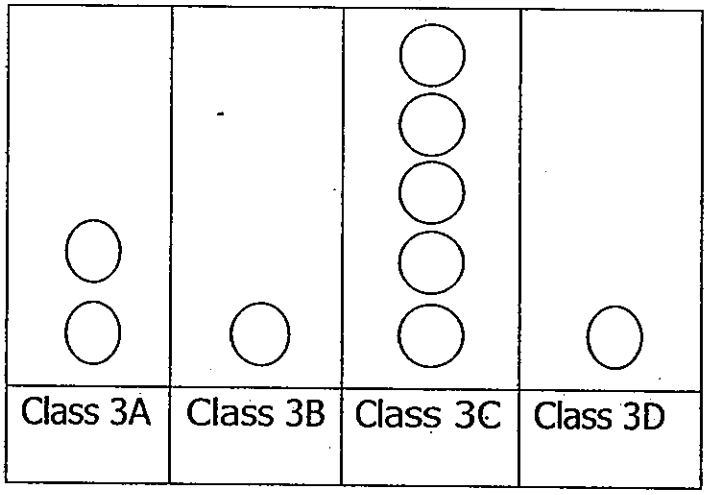
Section C
Q41) 8 x 3 = 24

Q42) 572g – 148g = 424g
396g + 424g = 820g

Q43) 216 + 153 = 369
369 + 37 = 406

Q44) $9 x 3 = $27
$27 + $48 = $75

Q45) a) 6 ÷ 2 = 3 pupils
b)






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