



NAN HUA PRIMARY SCHOOL  
SEMESTRAL ASSESSMENT 2 – 2011  
PRIMARY TWO  
MATHEMATICS

Time : 1 h 30 min

**INSTRUCTIONS TO CANDIDATES**

1. Write your name, register number and class in the blanks provided.
  2. Do not turn over this page until you are told to do so.
  3. Follow all instructions carefully.
  4. Answer all questions.
  5. Write your answers in this booklet. Show all your working or steps clearly.
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**Marks Obtained**

Total Marks:

	100
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Name : \_\_\_\_\_ (     )

Class : P 2 \_\_\_\_\_

Date : 21 October 2011

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

Date : \_\_\_\_\_

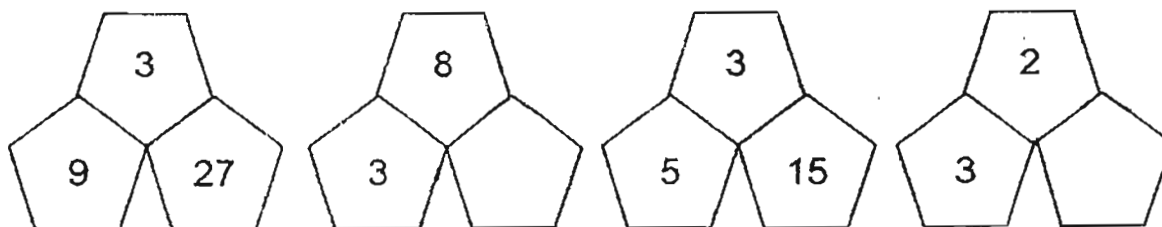
**Section A (2 marks each)**

Fill in the boxes with the correct answers.

1. Write 893 in words.

2. **7 tens** less than 621 is

3. Fill in the **2 missing numbers** in the boxes below.



4. Write a **multiplication sentence** and a **division sentence** for the following picture.

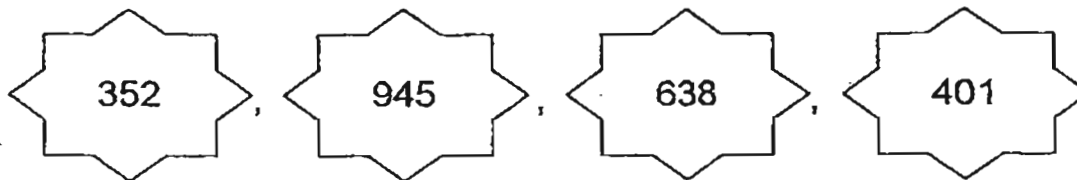


×  =

÷  =

5. Look at the numbers below.

Which **two numbers** will give the greatest answer when they are subtracted ?

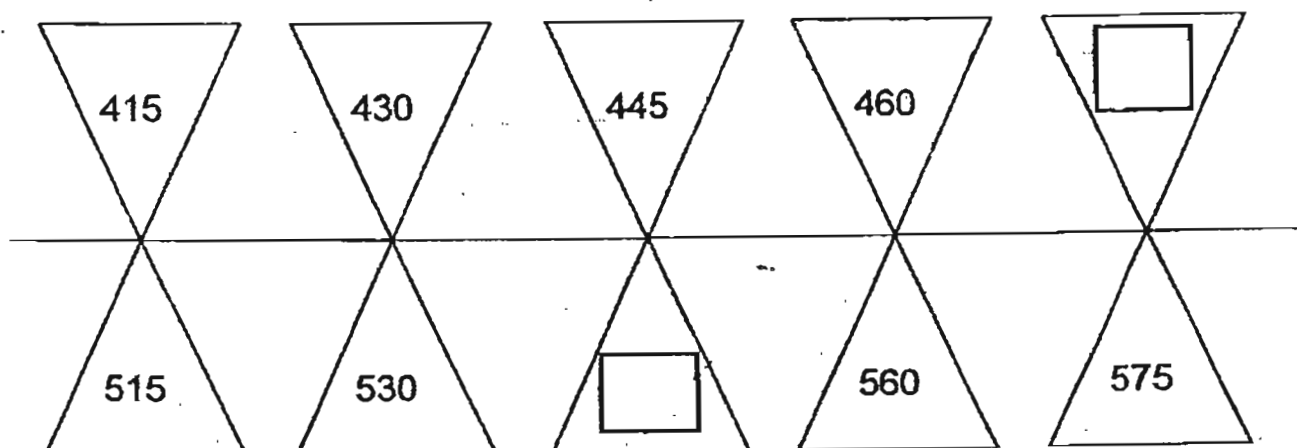


The two numbers are

and

6.  $750 - 123 =$

7. Complete the number pattern below. Write your answers in the boxes provided.



**Section B (2 marks each)**

Do these sums carefully.

8.

$$\begin{array}{r}
 \boxed{\phantom{00}} \phantom{00} 2 \phantom{00} 4 \\
 - \phantom{00} 1 \phantom{00} 8 \phantom{00} 3 \\
 \hline
 \phantom{00} 3 \phantom{00} 4 \phantom{00} 1 \\
 \hline
 \end{array}$$

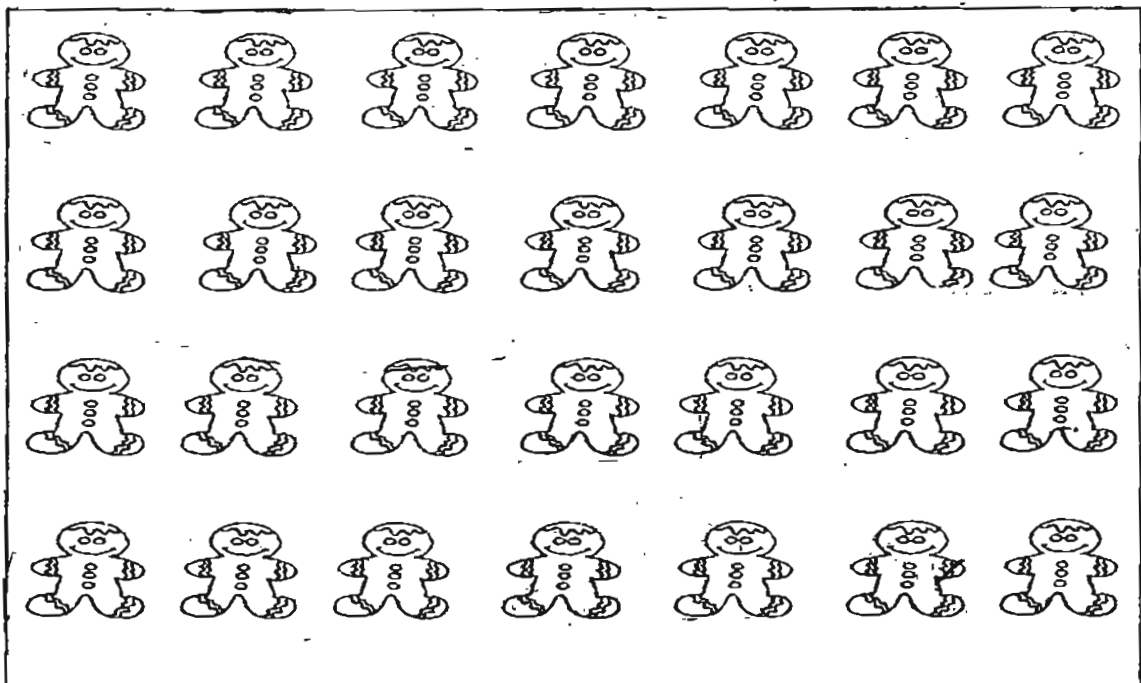
9.

If  stand for 21 ice-cream cones,

then  stands for  ice-cream cones,


10. Shanti shared 28 gingerbread cookies **equally with** her 3 cousins.

**Circle** the number of gingerbread cookies **each of them** would get.




11. There are 24 desks in Pr. 2B classroom.

The desks are arranged in 4 rows. Each row has the same number of desks.

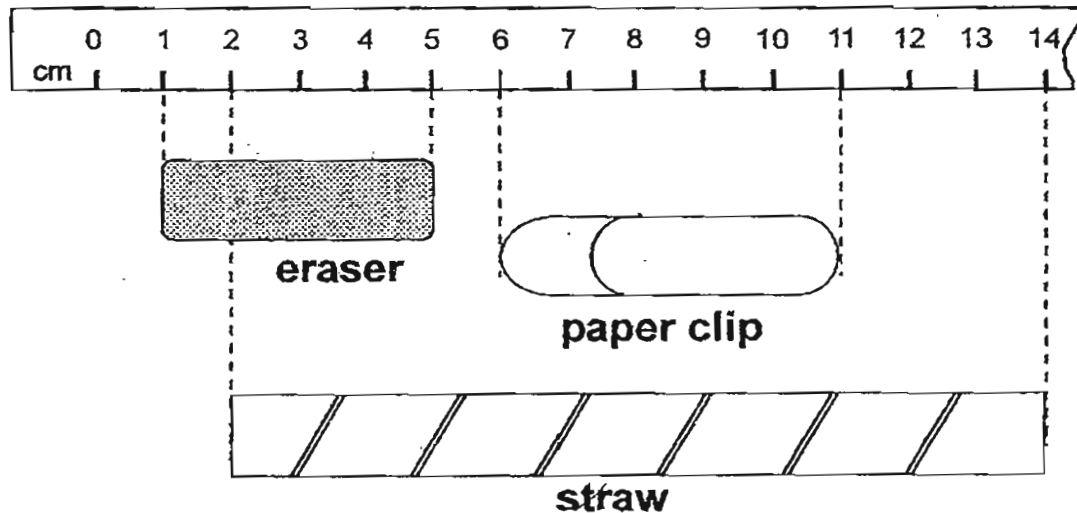
Draw the correct number of  in the box below to show how the desks are arranged in the classroom.

Floor Map of Pr. 2B classroom

Each  stands for 1 desk.

**Section C** (2 marks each)

For Questions 12 to 14, study the picture below carefully and fill in the answers in the boxes provided.



12. The straw is  cm long.

13. The paper clip is  cm shorter than the straw.

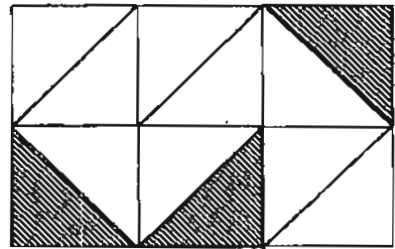
14. The length of the straw is as long as  erasers.

**Section D (2 marks each)**

Fill in the answers in the boxes provided.

15. What fraction of the figure is not shaded?

The fraction is



16. Mrs Li cut a birthday cake into 8 equal pieces. Both Mr and Mrs Li ate 2 pieces each. The remaining pieces were shared equally between their 2 children. What fraction of the cake did **each child** receive?

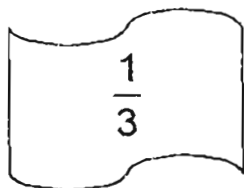
Each child received

of the birthday cake.

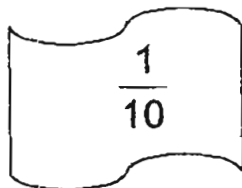
17. What fraction must be added to  $\frac{3}{5}$  to make 1 whole?

The fraction is

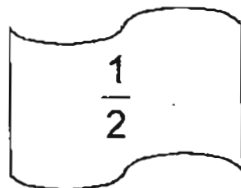
18. Arrange these fractions in order. Begin with the smallest fraction.



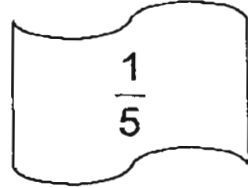
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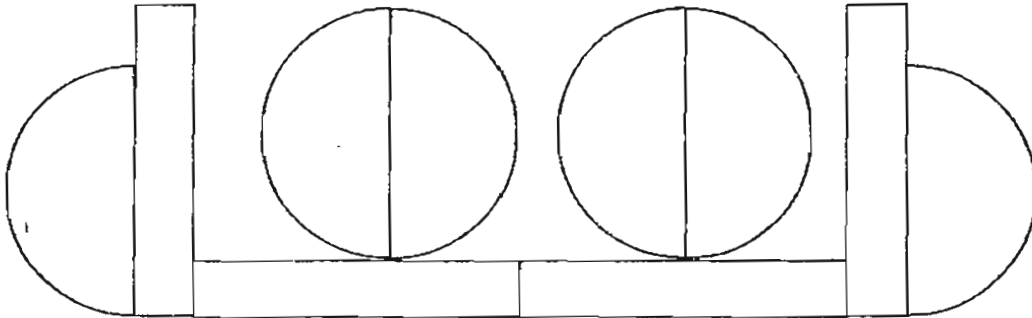
**smallest**

**greatest**

**Section E (2 marks each)**

Fill in the answers in the boxes provided.

19. How many rectangles and semicircles are needed to form the figure below?



There are  semicircles in the figure.

There are  rectangles in the figure.

This figure is made up of  more semicircles than rectangles.

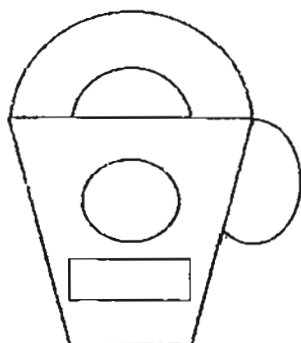
- 20.



The object above has  flat faces.



21.

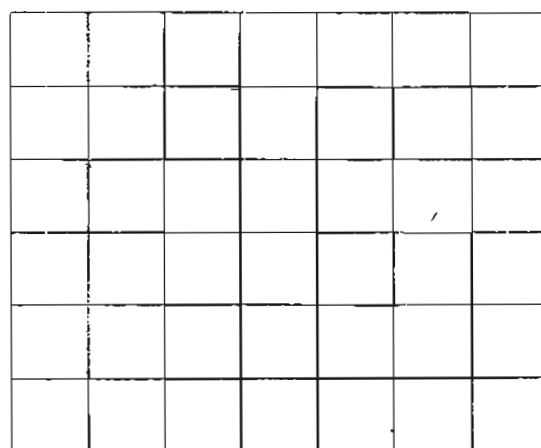
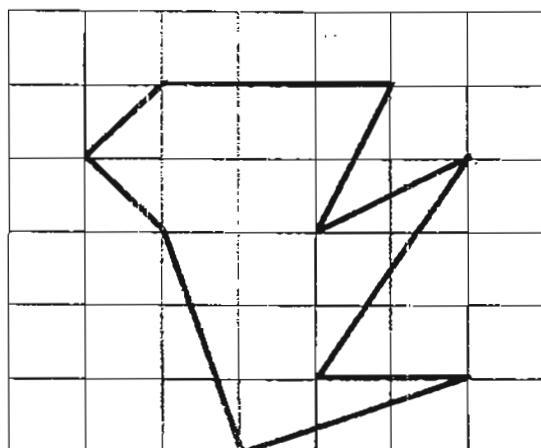


This figure is made up of

straight lines and

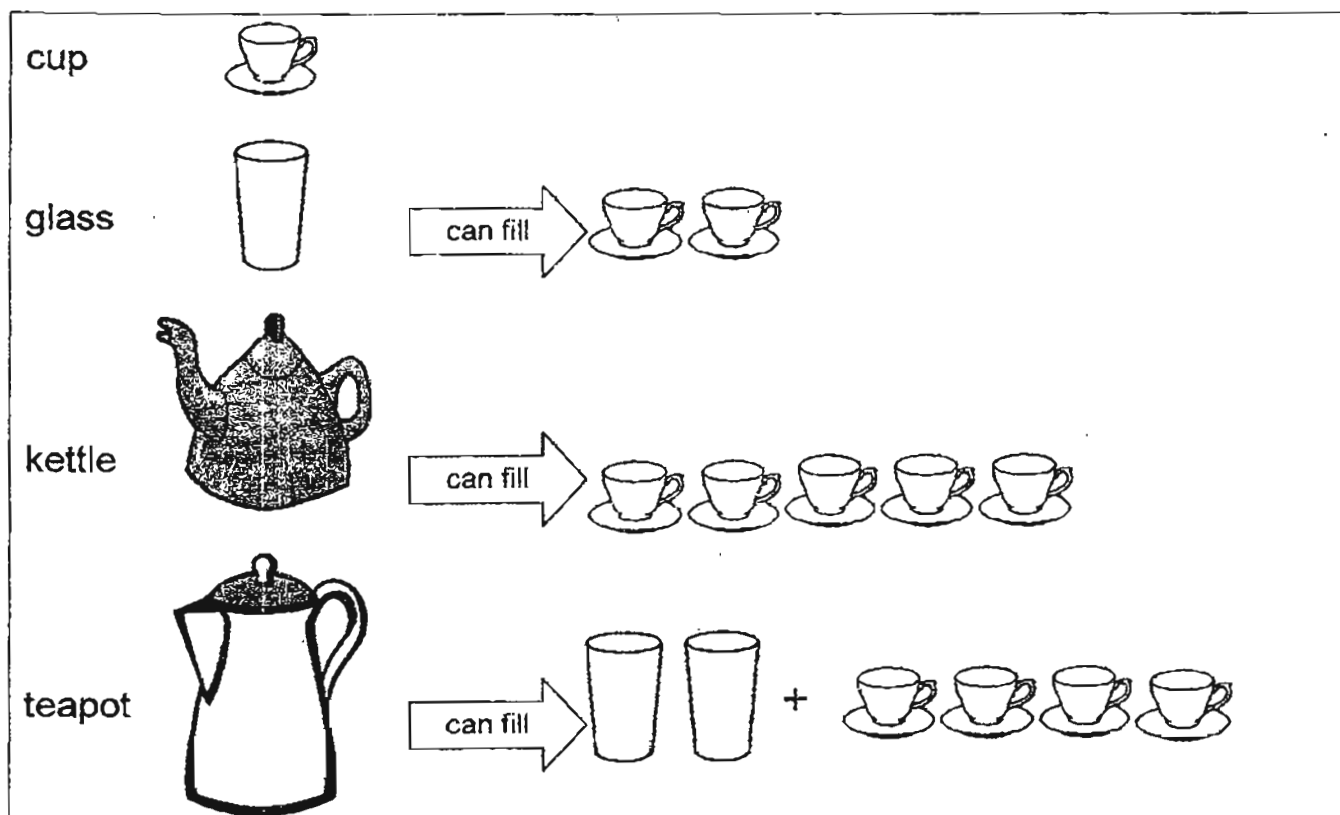
curves.

22. Copy the figure below onto the given square grid **using a ruler**.



**Section F (2 marks each)**

**For Questions 23 to 25, study the picture below carefully and fill in the answers in the boxes provided.**



23. The kettle holds  more cups than the glass.

24. 1  can fill 2 cups.

2  can fill  cups.

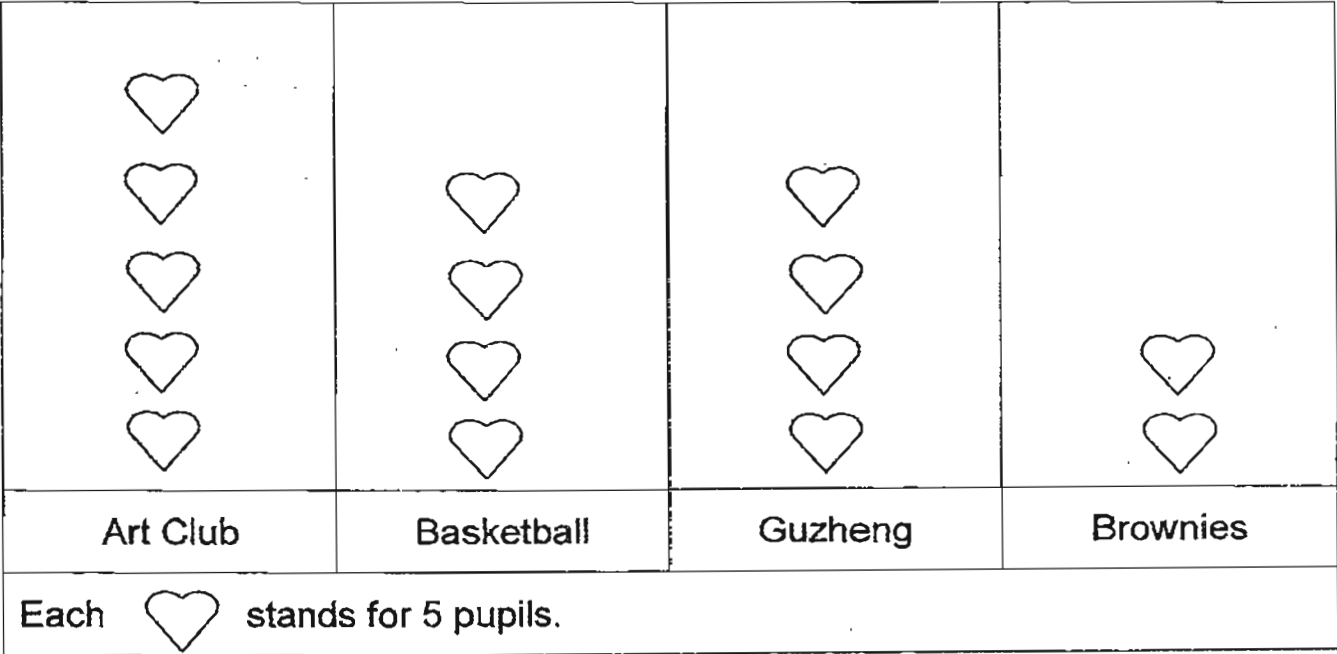
25. The volume of water in the teapot is the same as the **total** volume of water in  cups.

**Section G (2 marks each)**

Study the picture graph carefully. Show your working clearly in the space given below each question.

Write the correct answers in the boxes for Questions 26 to 28.

**Number of pupils in a class who participates in the different CCAs**

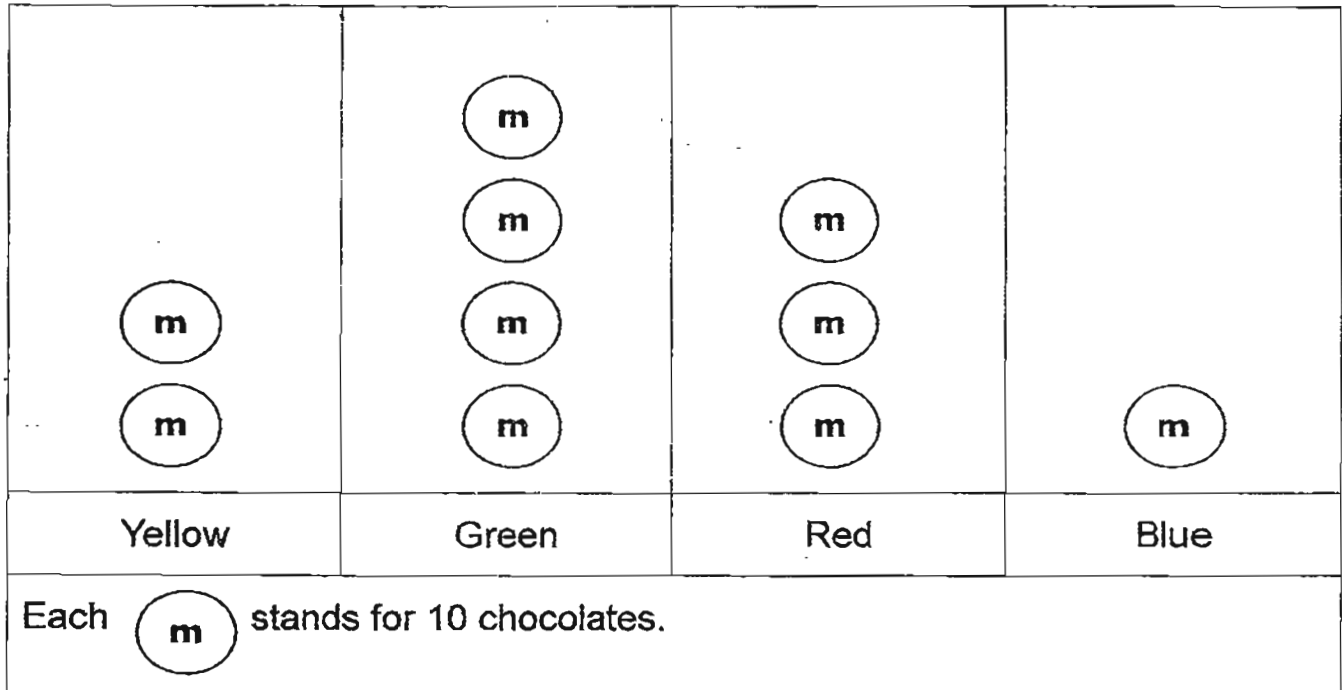


26.  more pupils participate in Art Club than in Brownies.
27. The **same number** of pupils participate in   
and
28.  pupils participate in Art Club.

Study the picture graph carefully. Show working clearly in the space given below each question.

Write the correct answers in the boxes for Questions 29 to 31.

**Different colours of M & M chocolates in a packet**



29. There are  green chocolates.

30. There are  chocolates altogether.

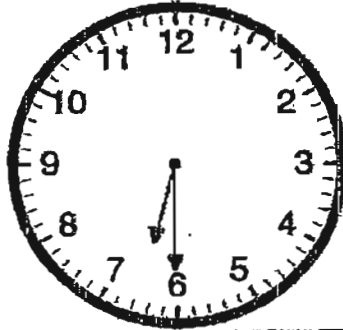
31. The **total** number of yellow and  chocolates is the **same** as the number of red chocolates.

**Section H (2 marks each)**

Look at the clocks carefully and write down the answers in the boxes provided.

32. My sister returned home for dinner at the time shown on the clock.

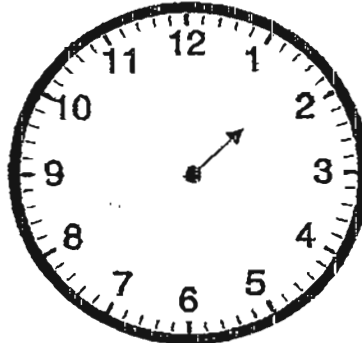
She went swimming 1 hour ago.



My sister went swimming at

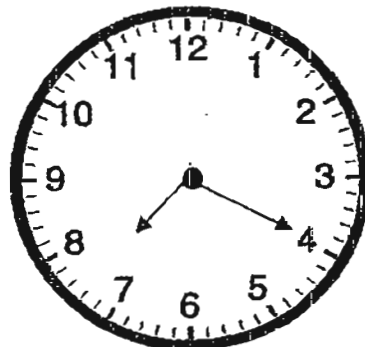
p.m.

33. Draw in the missing hand to show 1.45 p.m.



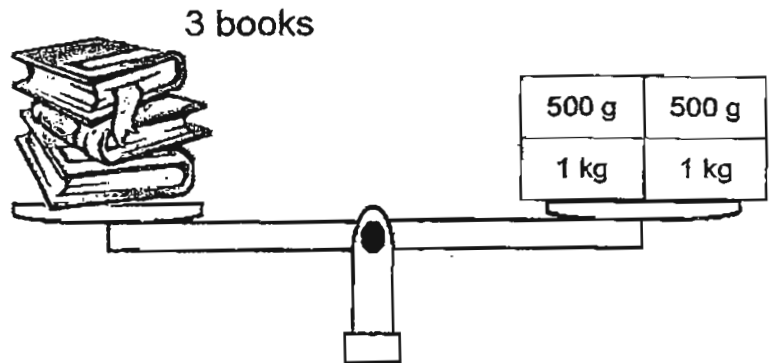
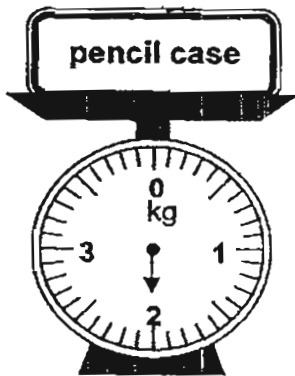
34. The time on the clock is

a.m.



**Section I (2 marks each)**

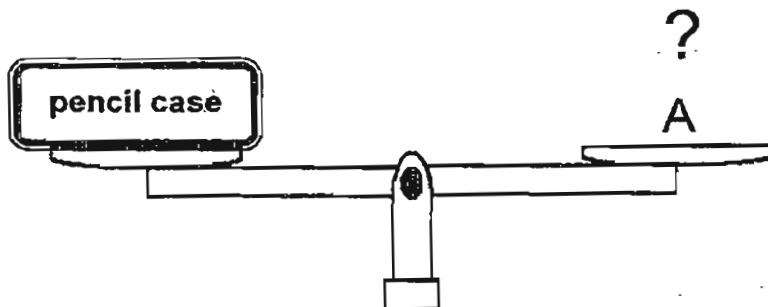
Study the picture carefully and answer Questions 35 to 37.



35. The mass of the pencil case is  kg.

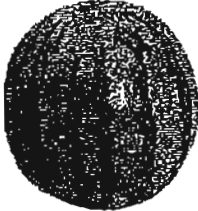


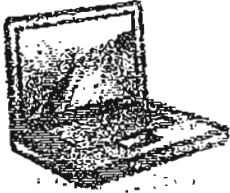
36. The mass of the 3 books is  kg.

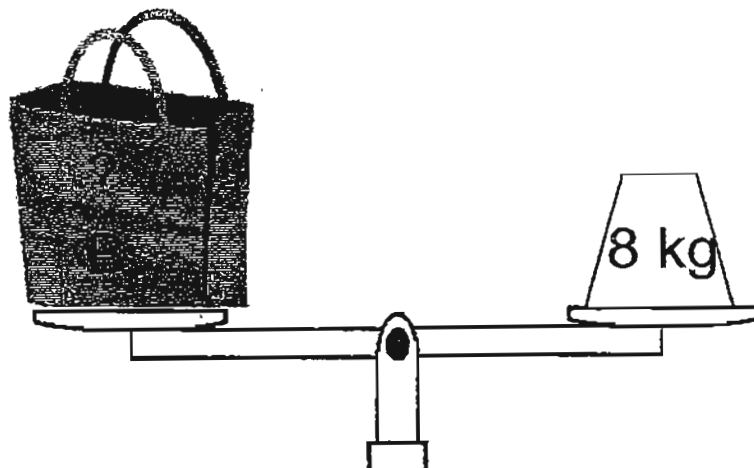
37. Using the information you have found above, how many books must be placed at position A so that both sides are **balanced equally**?



I will need  books.

38. Miss Tan went shopping. She wants to put the following items in the bag to make a **total mass** of 8 kg. The empty bag has a mass of 1 kg.

			
watermelon	rice	shoes	laptop
3 kg	4 kg	1 kg	2 kg



Which items must be placed into the bag at position **B** so that both sides are **balanced equally**?

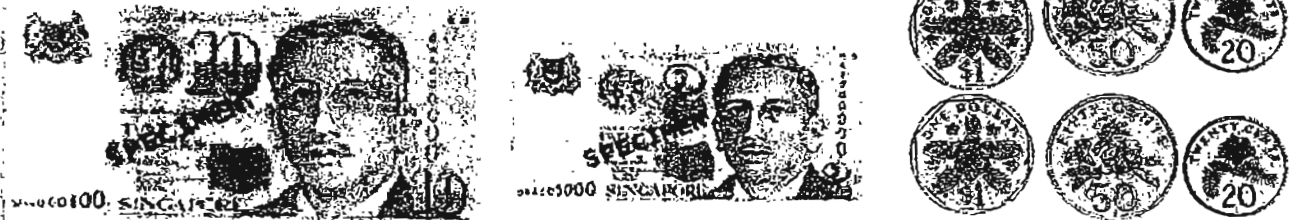
The items are

**Section J (2 marks each)**

Study the picture given below carefully and answer Questions 39 and 40.

Study the amount of money Caili and Nurul have.

Caili has this amount of money.



Nurul has this amount of money.



39.  has lesser amount of money.

40. Caili has \$4 in notes. She can exchange them for  fifty-cent coins.



**Section K (4 marks each)**

Read the story sums carefully.

Show your workings clearly and write down the word statements to answer the questions.


41. Patrick is 121 cm tall.  
Olivia is 14 cm taller than Patrick.

a) How tall is Olivia?

b) What is their total height?

42. Mr. and Mrs Lim took their 2 children to the Singapore Flyer during the school holidays.

a) How much did Mr Lim pay for his children?

 SINGAPORE FLYER A world's record experience at every turn	
Price of each Admission ticket	
Adult	\$30
Child	\$15

b) How much did Mr Lim pay for the admission tickets in all?

43. A box with 10 identical marbles has a mass of 210g.

a) If each marble has a mass of 8g,  
What is the mass of 10 marbles?

b) What is the mass of the empty box?

44. Aini bought a cake. She cut the cake into 6 equal parts.

She ate  $\frac{1}{6}$  of the cake and gave  $\frac{1}{6}$  of the cake to Muthu.

What fraction of the cake is left ?

45. Betty has 5 T-shirts and 3 skirts.

In how many different ways can she mix and match her clothes?



Please check your work.  
End-of-paper

# Answer Ke

## EXAM PAPER 2011

SCHOOL : NAN HUA

SUBJECT : PRIMARY 2 MATHEMATICS

TERM : SA2

1) Eight hundred and ninety-three

2) 551

3) 24, 6

4)  $6 \times 2 = 12$   
 $12 \div 2 = 6$

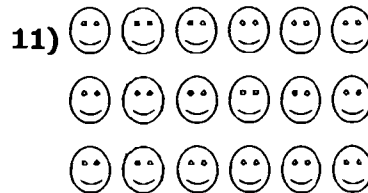
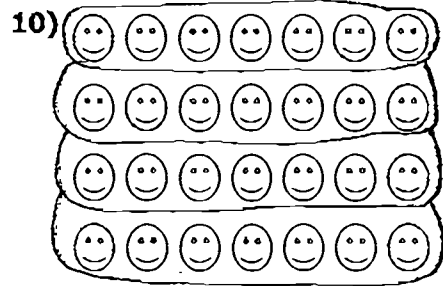
5) 945 and 352

6) 627

7) 475, 545

8) 5

9) 7



12) 12cm

13) 7cm

14) 3

15)  $9/12$

16)  $2/8$

17)  $2/5$

18)  $1/10$ ,  $1/5$ ,  $1/3$ ,  $1/2$

19) 6 semicircles, 4 rectangles, 2

20) 5

21) 8, 4

22)

23) 3

24) 4

25) 8

26) 15

27) Basketball and Guzheng

28) 25

29) 40

30) 100

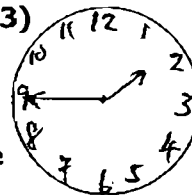
31) Blue

32) 5.30p.m.

33)

34) 7.20a.m.

35) 2kg



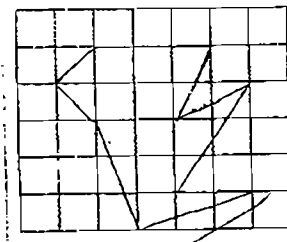
36) 3kg

37) 2

38) watermelon and rice

39) Nurul

40) 8



41)a)  $121 + 14 = 135$

Olivia is 135cm tall.

b)  $121 + 135 = 256$

Their total height is 256cm.

42)a)  $\$15 + \$15 = \$30$

Mr Lim paid \$30 for his children.

b)  $\$30 + \$30 + \$30 = \$90$

Mr Lim paid \$90 for the admission tickets.

43)a)  $8 \times 10 = 80$

The mass of 10 marbles is 80g.

b)  $210 - 80 = 130$

The mass of the empty box is 130g.

44)  $\frac{1}{6} + \frac{1}{6} = \frac{2}{6}$

$\frac{6}{6} - \frac{2}{6} = \frac{4}{6}$

$\frac{4}{6}$  of the cake is left.

45)  $5 \times 3 = 15$

There are 15 ways she can mix and match her clothes.