

**NANYANG PRIMARY SCHOOL**  
**SEMESTRAL EXAMINATION**  
**2009**

**PRIMARY 1**  
**MATHEMATICS**

**DURATION: 1 HOUR 30 MINUTES**

<b>Section A</b>	<b>/ 40</b>
<b>Section B</b>	<b>/ 40</b>
<b>Section C</b>	<b>/ 20</b>

<b>Total:            / 100</b>
--------------------------------

Name: \_\_\_\_\_ (       )

Class: Primary 1 (       )

Date: 29 October 2009

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

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

FOLLOW ALL INSTRUCTIONS CAREFULLY.

ANSWER ALL QUESTIONS.

### **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)

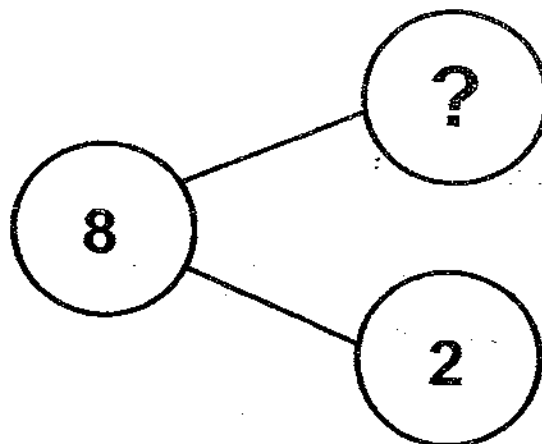
1. Sarah made 5 bookmarks.  
Anna made 2 bookmarks.  
How many bookmarks did they make altogether?

(1) 10  
(3) 3

(2) 8  
(4) 7

( )

2. What is the missing number in the number bond below?

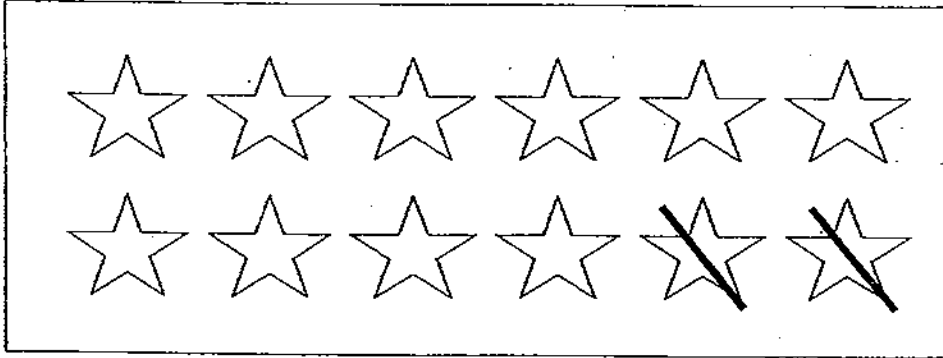


(1) 16  
(3) 6

(2) 10  
(4) 4

( )

3. Which one of the following number sentences best describes the picture below?



- (1)  $10 - 2$  (2)  $12 - 2$   
(3)  $12 - 10$  (4)  $14 - 4$  ( )

4. Devi bought 14 cupcakes.  
She ate 4 of the cupcakes.  
How many cupcakes had she left?

- (1) 18 (2) 11  
(3) 10 (4) 9 ( )

5. Cindy's favourite fruit is second from the left.  
What is her favourite fruit?



apple



pear



orange



strawberry



grapes

- (1) pear (2) apple  
(3) grapes (4) strawberry ( )

6. 2 tens 3 ones + 4 ones = \_\_\_\_\_

(1) 63

(3) 27

(2) 28

(4) 19

( )

7. Subtract 7 from 28. The answer is \_\_\_\_\_

(1) 35

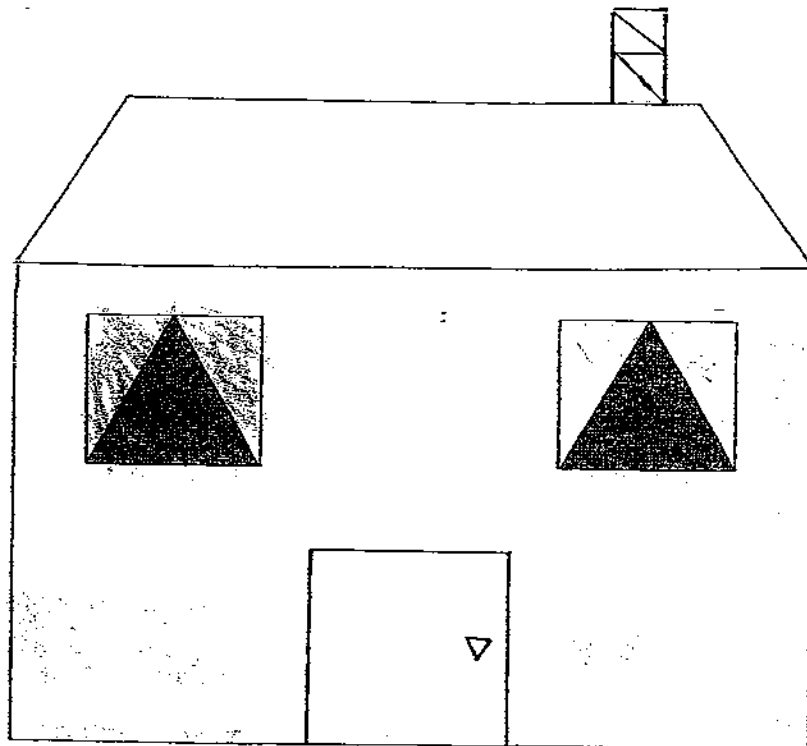
(3) 21

(2) 22

(4) 15

( )

8. How many triangles are there in the figure below?



(1) 6

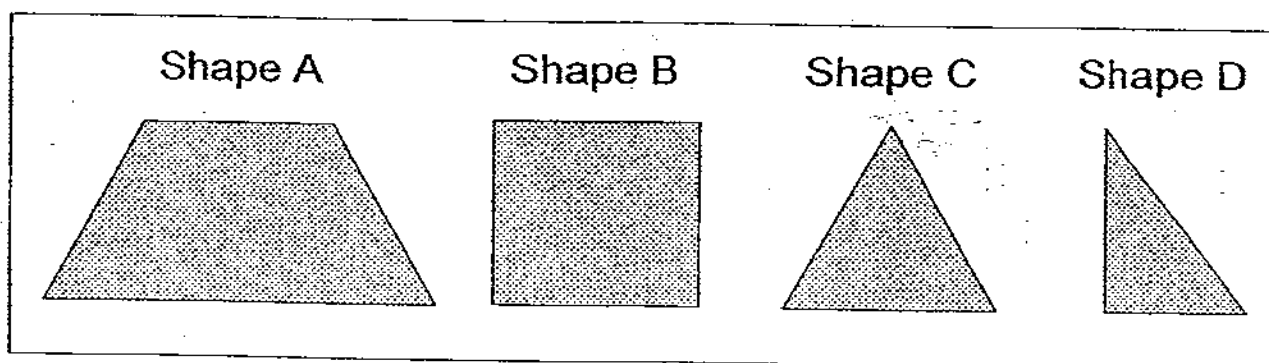
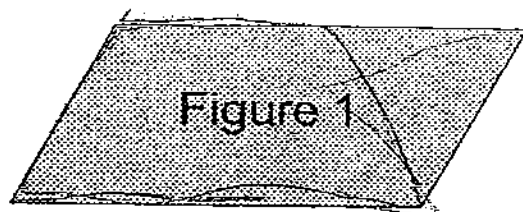
(3) 10

(2) 7

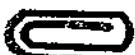
(4) 11

( )

9. Which shapes are needed to make Figure 1?



- |             |             |          |
|-------------|-------------|----------|
| (1) A and B | (2) A and C |          |
| (3) A and D | (4) B and D | (      ) |


10. Use  as 1 unit.

What is the length of the pencil?

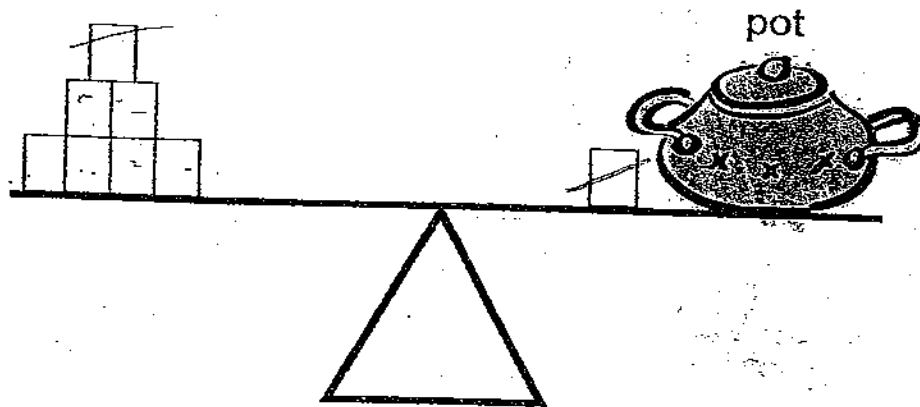
pencil



- |             |             |          |
|-------------|-------------|----------|
| (1) 5 units | (2) 6 units |          |
| (3) 7 units | (4) 4 units | (      ) |

11. Use  as 1 unit.

What is the mass of the pot?



(1) 5 units

(2) 6 units

(3) 7 units

(4) 8 units

( )

12. What is the missing number in the box?

$$60 - \boxed{?} = 20$$

(1) 80

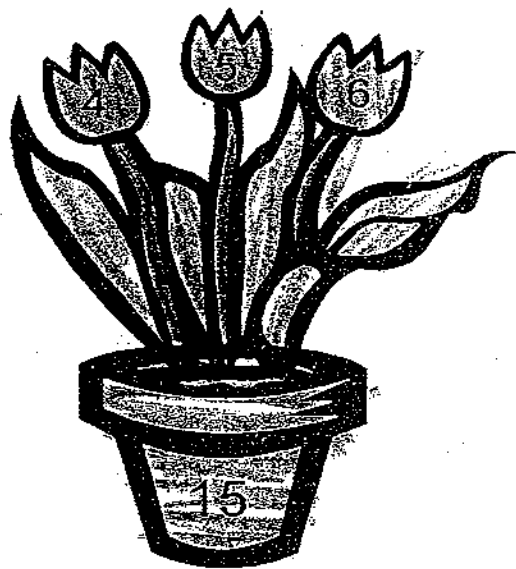
(2) 50

(3) 40

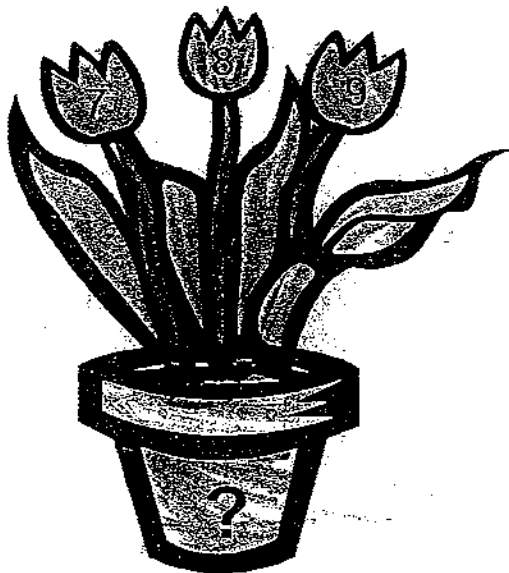
(4) 30

( )

13. The numbers on the flowers add up to make the number on the flower pot.



What is the missing number on the flower pot below?



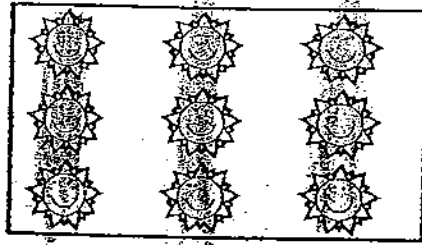
- (1) 15  
(3) 24

- (2) 23  
(4) 25

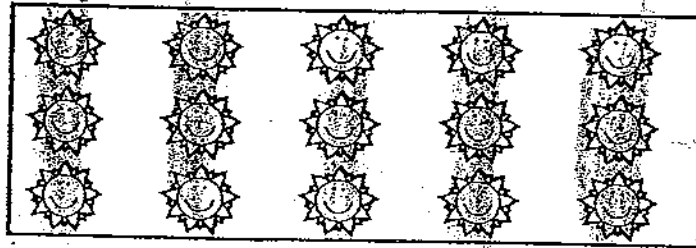
( )

14. Which one of the following cards represents  $4 \times 3$ ?

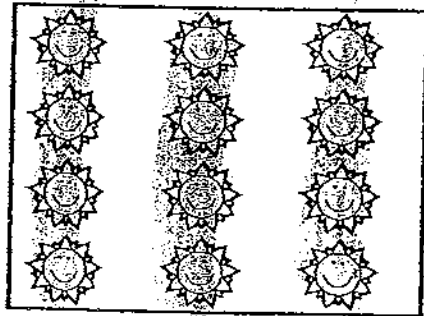
(1)



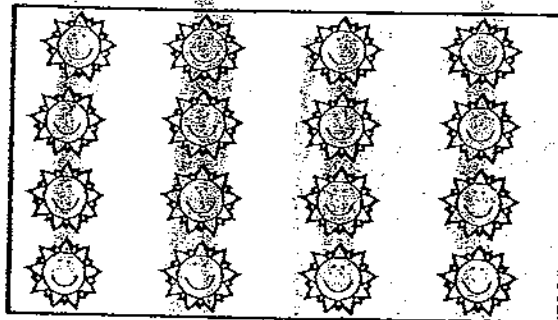
(2)



(3)



(4)



( )

15. Ali put 18 toy trucks equally into 6 boxes.  
How many toy trucks did he put in each box?

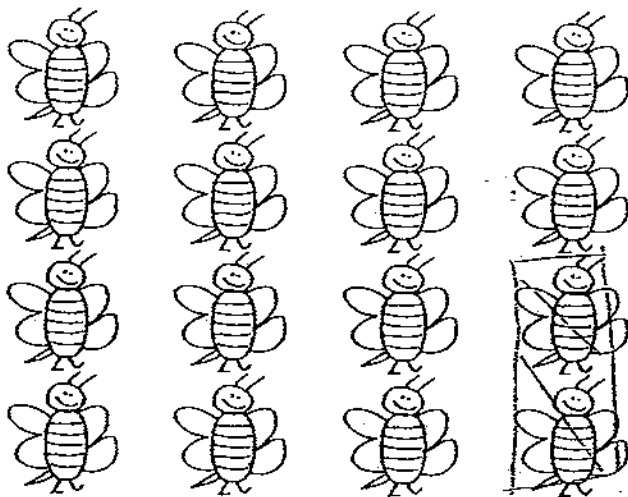


(1) 24  
(3) 3

(2) 12  
(4) 6

( )

16. There were 16 stickers.  
After Bala and Caiping each took an equal number of  
stickers, there were 2 stickers left.  
How many stickers did each of them take?

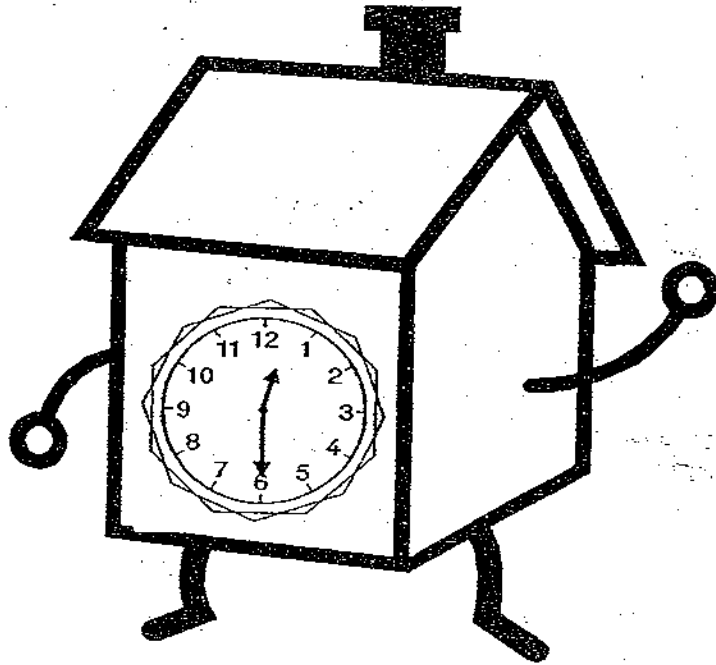


(1) 7  
(3) 14

(2) 8  
(4) 18

( )

17. What is the time shown on the clock below?






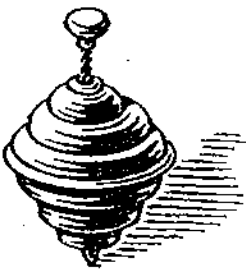
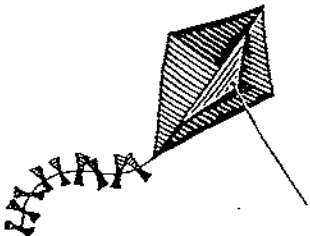
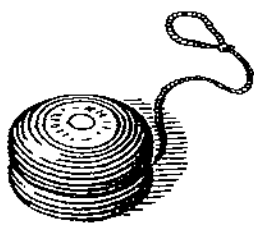
- |                    |                  |     |
|--------------------|------------------|-----|
| (1) twelve o'clock | (2) half past 12 |     |
| (3) six o'clock    | (4) half past 1  | ( ) |

18. What is the amount of money shown below?



- |         |          |     |
|---------|----------|-----|
| (1) 85¢ | (2) 90¢  |     |
| (3) 95¢ | (4) 100¢ | ( ) |

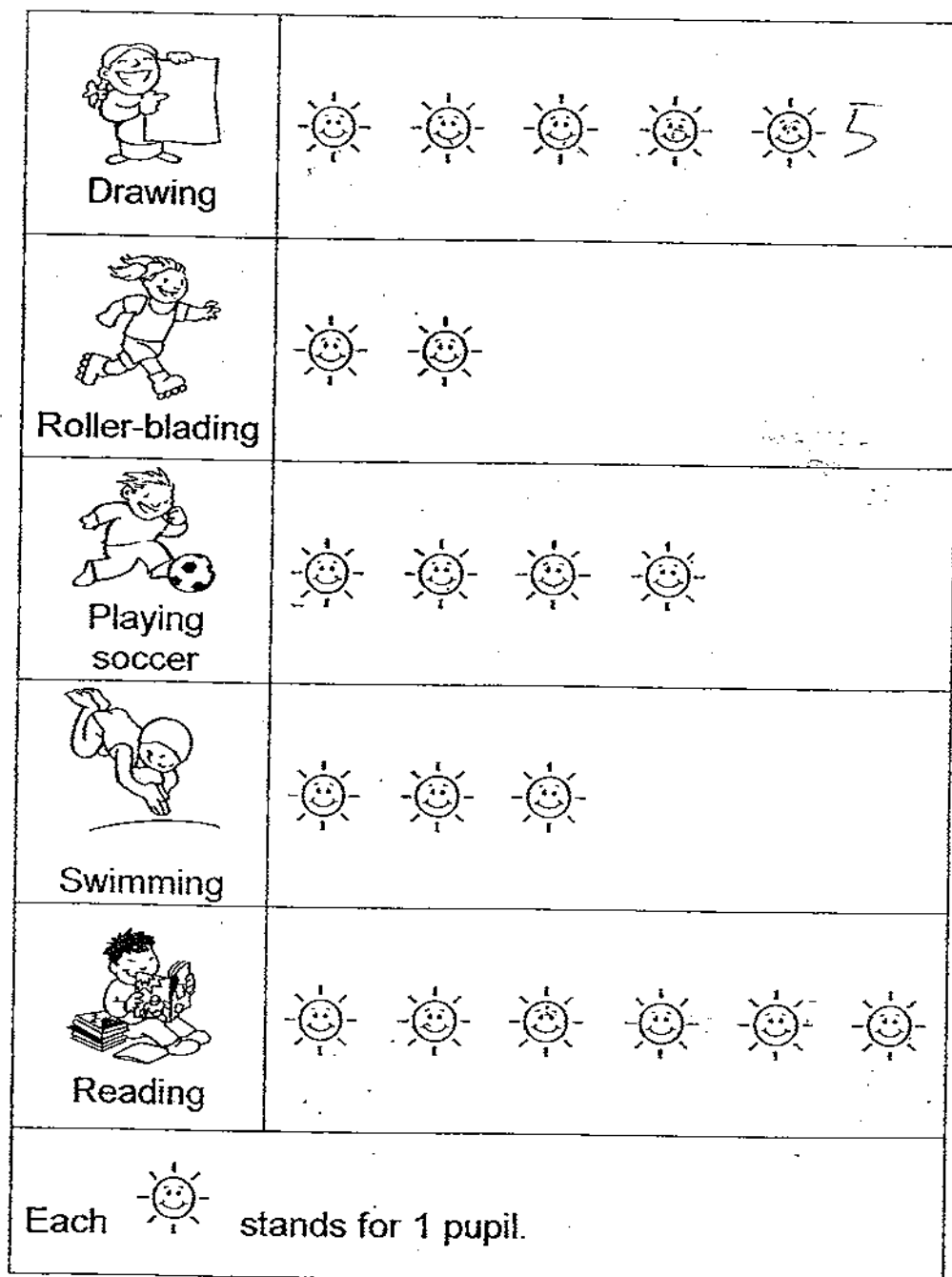
19. Darren went to a toy shop and saw the following toys.  
He bought 2 toys for \$30.  
What did he buy?

 rocking horse \$20	 puppet \$27	 doll \$28
 top \$3	 kite \$7	 yo-yo \$12

- (1) doll and top  
(2) doll and yo-yo  
(3) top and puppet  
(4) top, kite and rocking horse

( )

20. The graph below shows the type of activities Class 1A pupils like.



There are 2 more pupils who like playing soccer than \_\_\_\_\_.

- |              |                    |          |
|--------------|--------------------|----------|
| (1) drawing  | (2) roller-blading |          |
| (3) swimming | (4) reading        | (      ) |

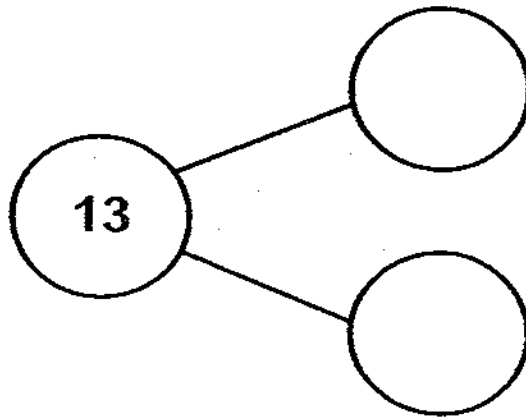
**Section B**

Questions 21 to 40 carry 2 marks each.

Write your answers in the spaces provided.

(Total: 40 marks)

21. Fill in the missing numbers in the number bond below.



22. Kelly had 5 cookies.  
Susan bought 4 more cookies than Kelly.  
How many cookies did Susan have?

Answer: \_\_\_\_\_

23. Use the numbers in the box below to make one addition sentence and one subtraction sentence.

You may only use each number once only.

<del>5</del>	<del>9</del>	<del>12</del>
<del>44</del>	<del>6</del>	3

$$\square \bigcirc \square = \square$$

$$\square \bigcirc \square = \square$$

24. What is the missing digit in the box?

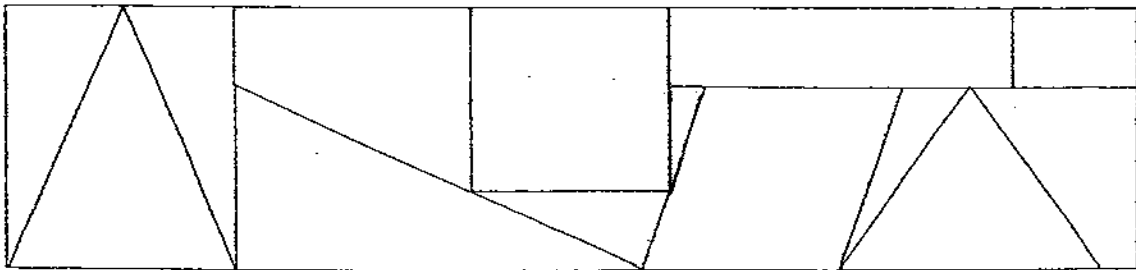
$$\begin{array}{r}
 27 \\
 - \quad \boxed{?} \\
 \hline
 18
 \end{array}$$

Answer: \_\_\_\_\_

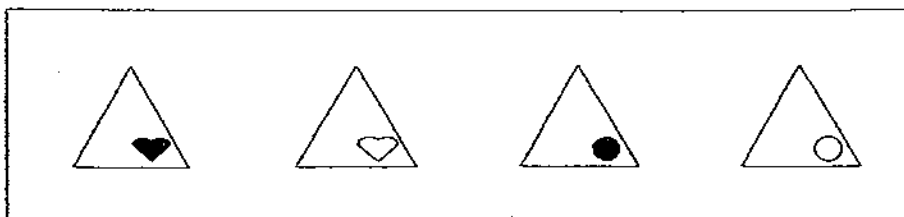
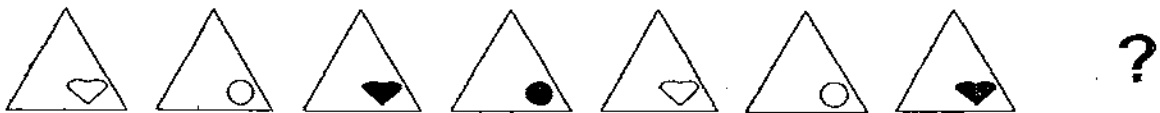
25. Tom has 14 erasers.  
His brother has 8 erasers fewer than he.  
How many erasers do they have altogether?

Answer: \_\_\_\_\_

26. Colour the smallest triangle in the figure below.

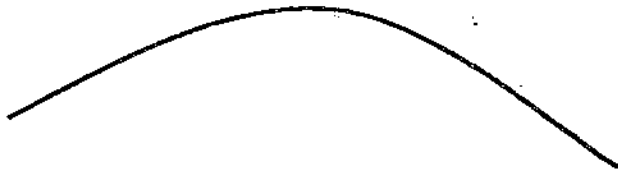


27. Study the pattern below.  
Circle what comes next in the following pattern.



28. Which is the longest line?

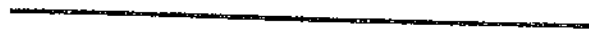
Line A



Line B

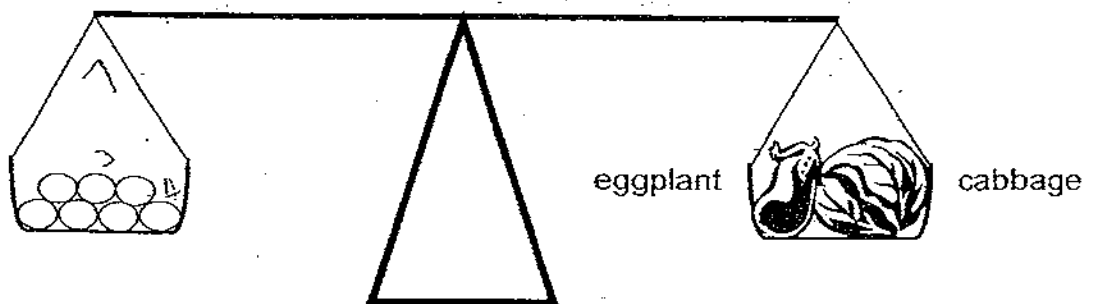
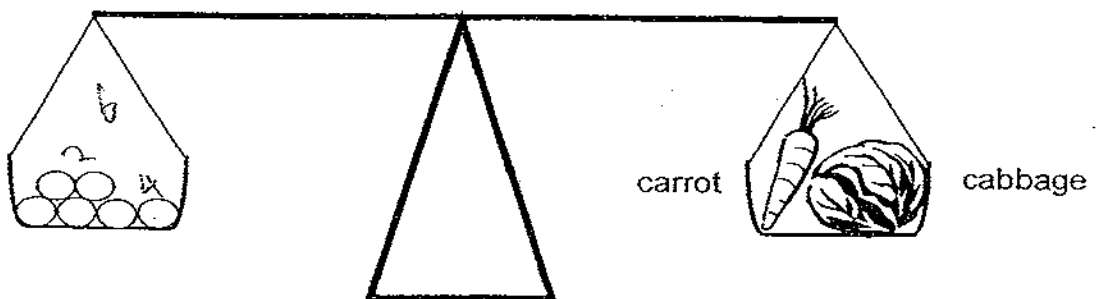
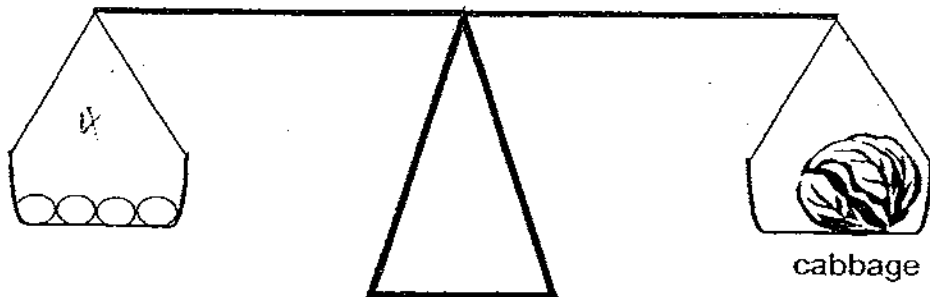


Line C



Answer: Line \_\_\_\_\_

29. Which item is the heaviest?



Answer \_\_\_\_\_

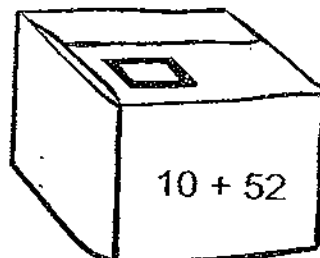
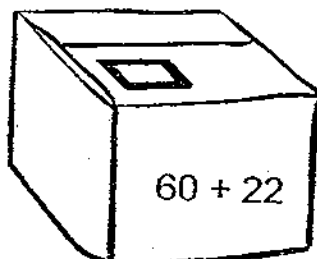
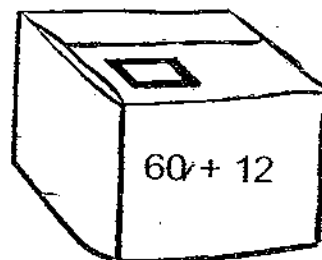
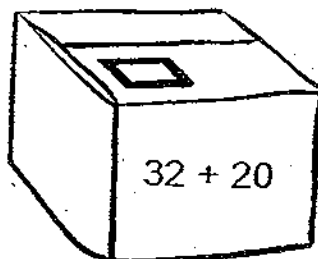
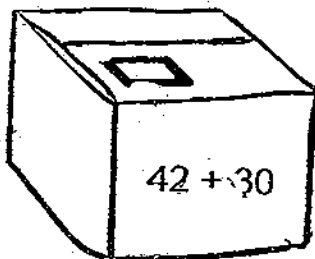
30. Write the numbers below in words.

Numbers	Words
97	
45	

31. There are 3 numbers.  
The first number is 15.  
The second number is 6 more than the first number but 5 less than the third number.  
What is the third number?

Answer: \_\_\_\_\_

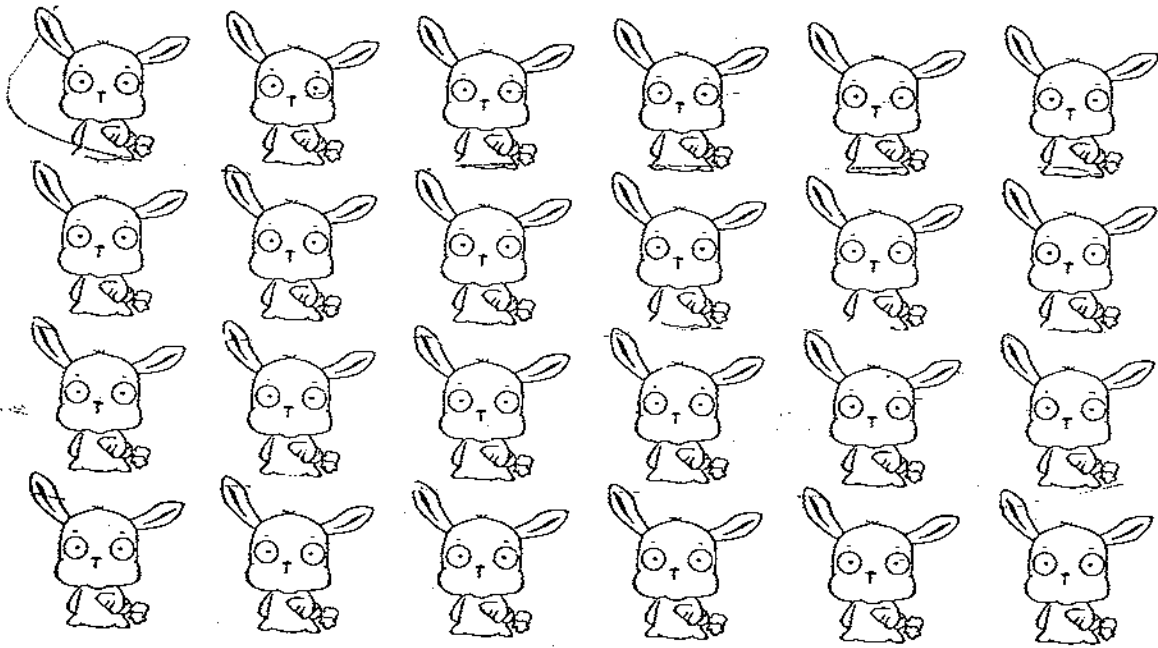
32. Cross out the 2 boxes that have the same answer.



33. Ethan is thinking of a number.  
When he takes away 21 from that number, he gets 79.  
What number is he thinking of?

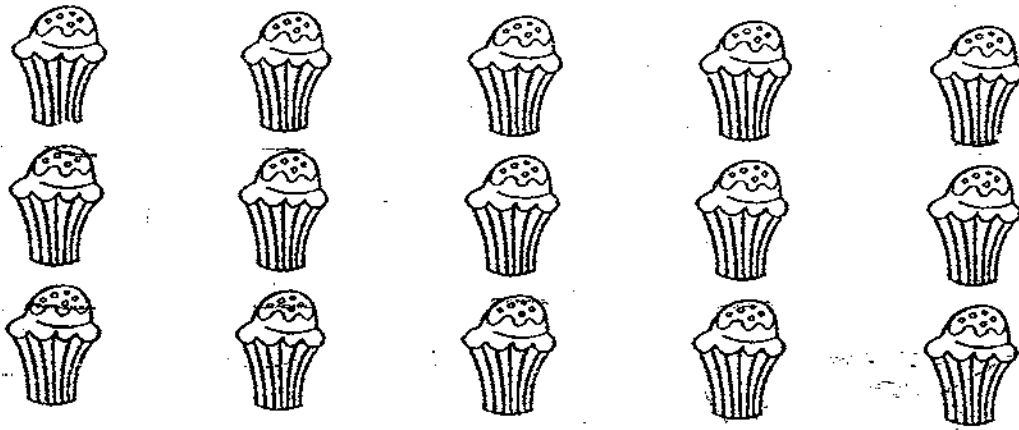
Answer: \_\_\_\_\_

34. Circle the rabbits to show 4 groups of 6.  
Then complete the multiplication sentence below.



$$\square \bigcirc \square = \square$$

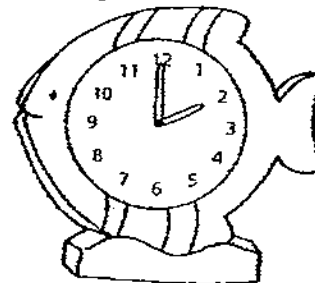
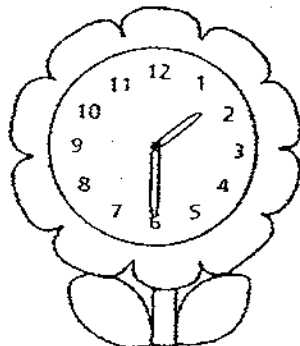
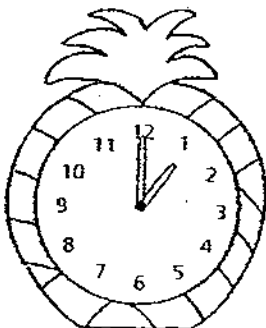
35. Fatimah baked some muffins.  
She wanted to put the muffins in boxes of 5.  
How many boxes would she need?



Answer: \_\_\_\_\_

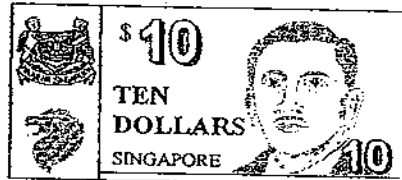
36. Mother left home to go to the supermarket before two o'clock but after one o'clock.

Circle the clock that shows the time Mother left home.

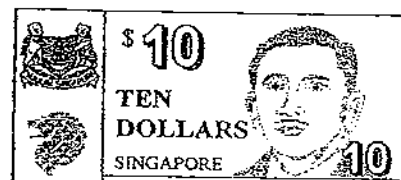


37. Which one of the following sets, Set X, Set Y or Set Z, has the least amount of money?

Set X



Set Y



Set Z



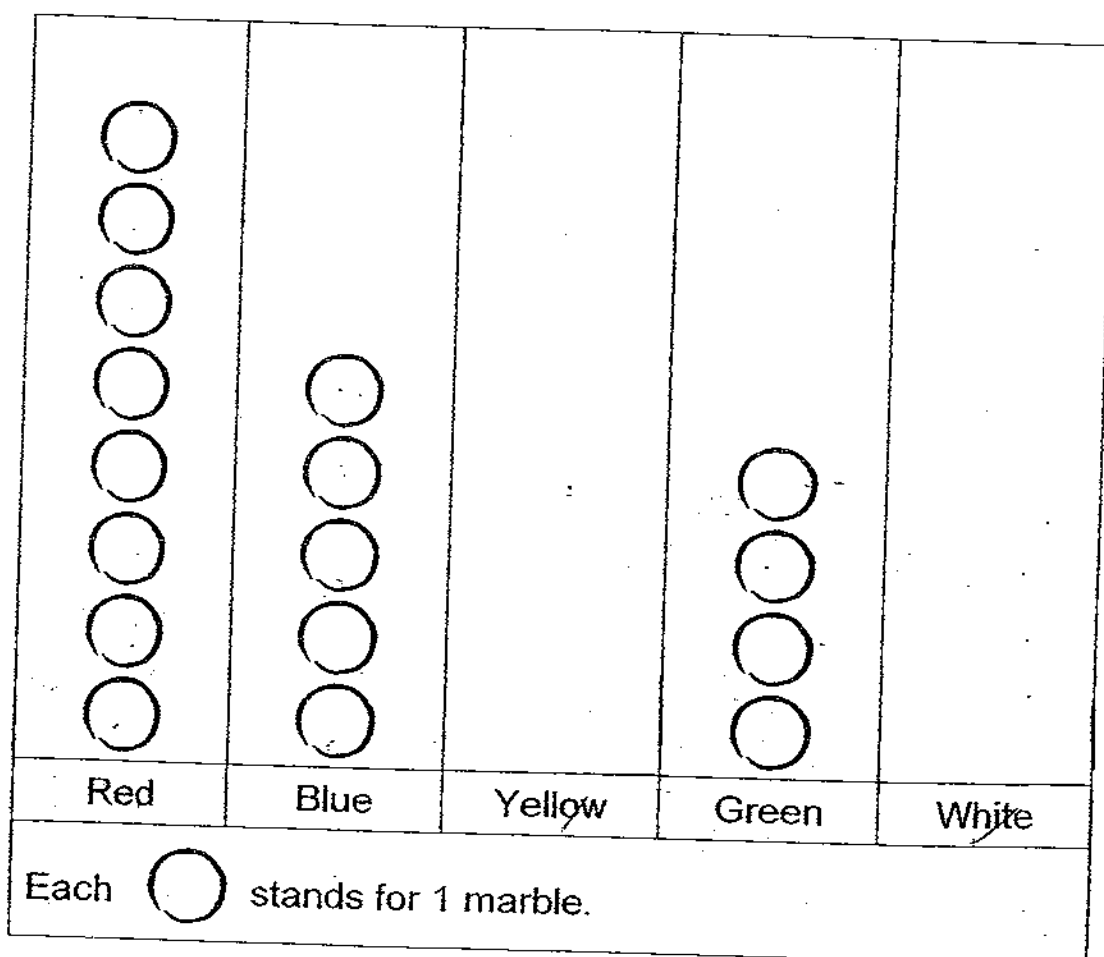
Answer: Set \_\_\_\_\_

38. Gopal wants to buy a snack that costs 85¢. He checks his wallet and has the following coins. How much more money does he need so that he can buy the snack?



Answer: \_\_\_\_\_¢

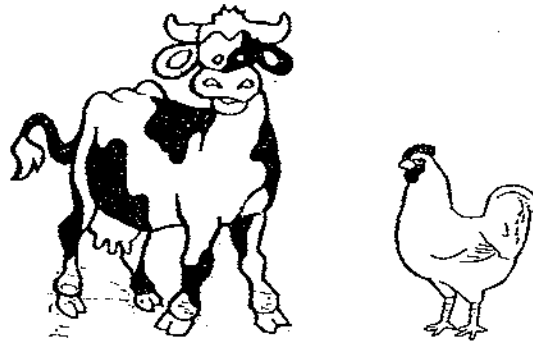
39. The graph below shows the number of marbles Helen has.



Helen has 21 marbles and there are 2 fewer white marbles than yellow marbles.

Complete the graph to show the number of yellow marbles and white marbles Helen has.

40. Jiaming saw a total of 5 cows and hens in a barn.  
There were 16 legs altogether.  
How many cows were there in the barn?



Answer: \_\_\_\_\_

### Section C

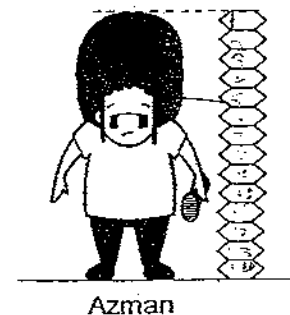
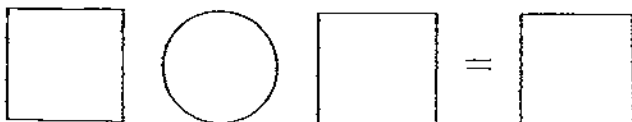
Questions 41 to 45 carry 4 marks each.

Do these word problems carefully.

Show your working clearly in the space provided for each question.

(Total: 20 marks)

41. Azman is 14  $\diamond$  tall.  
He is 5  $\diamond$  shorter than Shawn.  
What is Shawn's height?



Shawn is \_\_\_\_\_  $\diamond$  tall.

42. Kelvin had 38 cakes and 51 fruit tarts.  
He sold all the fruit tarts.  
He sold some cakes and had 8 cakes left.

(a) How many cakes did he sell?

$$\square \bigcirc \square = \square$$

He sold \_\_\_\_\_ cakes.

(b) How many fruit tarts and cakes did he sell?

$$\square \bigcirc \square = \square$$

He sold \_\_\_\_\_ fruit tarts and cakes.

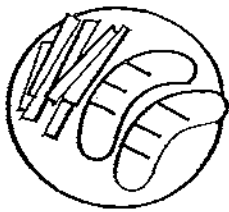
43. Leena has 9 cards.  
There are 3 stars on each card.  
How many stars are there altogether?

$$\square \bigcirc \square = \square$$



There are \_\_\_\_\_ stars altogether.

44. A restaurant is selling the following set lunches.



Set A  
\$26



Set B  
\$32



Set C  
\$14

Mingkang wants to buy Set B but he is short of \$18.  
Which set can he buy with the amount of money he has?

$$\$ \square \bigcirc \$ \square = \$ \square$$

He can buy Set \_\_\_\_\_.

45. Neena loved to collect seashells.  
She collected 3 seashells on the first day and 4 seashells on the second day.  
On the third day, she collected 6 seashells and on the fourth day, she collected 9 seashells.  
On the fifth day, she collected 13 seashells.  
At this rate, how many seashells did she collect on the seventh day?

Day	1						
Number of seashells	3						

Neena collected \_\_\_\_\_ seashells on the seventh day.

# Answer Ke

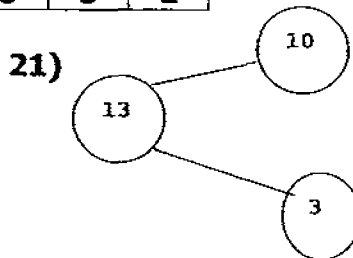
## EXAM PAPER 2009

SCHOOL : NANYANG PRIMARY  
SUBJECT : PRIMARY 1 MATHEMATICS

TERM : SA2

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

Q18	Q19	Q20
3	3	2



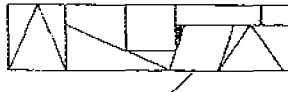
22)9

23) $5+6=11$   
 $12-3=9$

24)9

25)29

26)



28)B

29)cabbage

30)97: ninety-seven, 45: forty-five

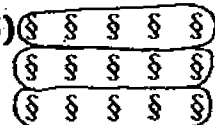
31)26

32) $42+30$ ,  $60+12$

33)100

34) $4 \times 6 = 24$

35)



Ans: 3

36)



37)Set Z

38)25¢

39)3 marbles of Yellow and 1 marbles of White

40)3 cows.

**41)  $14+5=19$**

**Shawn is 19 tall.**

**42)a)  $38-8=30$**

**He sold 30 cakes.**

**b)  $51+30=81$**

**He sold 81 fruit tarts and cakes.**

**43)  $9 \times 3 = 27$**

**There are 27 stars altogether.**

**44)  $\$32 - \$18 = \$14$**

**He can buy Set C.**

**45) Day: 1 2 3 4 5 6 7**

**Number: 3 4 6 9 13 18 24**

**Neena collected 24 seashells on the seventh day.**