CATHOLIC HIGH SCHOOL
END-OF-YEAR EXAMINATION 2009
MATHEMATICS
PRIMARY 1

Name: _____ (   )

Class: Primary 1 _____

Date: 27 October 2009

Duration: 1 h 15 min

Section A		40
Section B		40
Section C		20
Total Marks		100

Parent's Signature: _____

There are 3 sections consisting of <u>19 pages</u> in this paper.

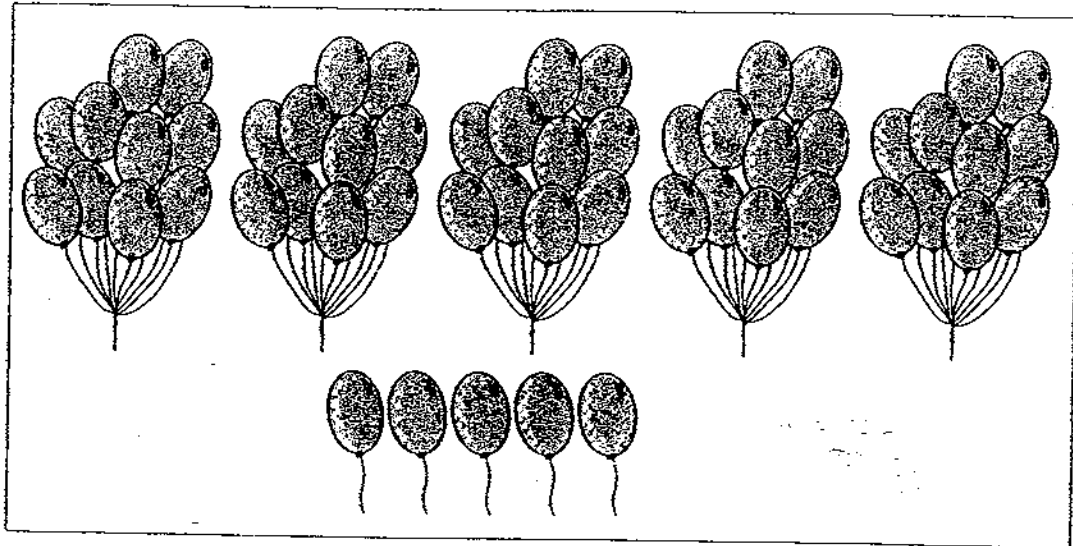Section A: Multiple-Choice Questions (MCQ)   20 x 2 marks

Section B: Open-Ended Questions   20 x 2 marks

Section C: Story Sums   5 x 4 marks

Section A (20 x 2 marks)
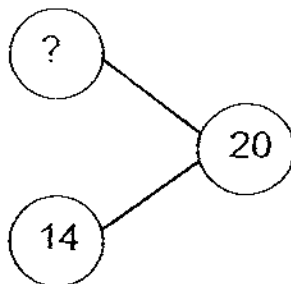Choose the correct answer and write the number 1, 2, 3 or 4 in the brackets.

1.

Mr. Clown has _____ balloons altogether.
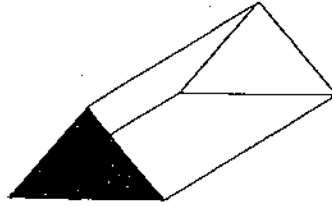
(1) 45
(2) 50
(3) 55
(4) 60   (   )

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

(1) 6
(2) 10
(3) 16
(4) 34   (   )

1

3. The shaded shape is a _____.

(1) circle
(2) square
(3) triangle
(4) rectangle

( )

4. Which mathematical sentence represents the picture below correctly?

(1) 4 + 4 + 4 + 4
(2) 6 groups of 4
(3) 4 x 6
(4) 6 fours

( )

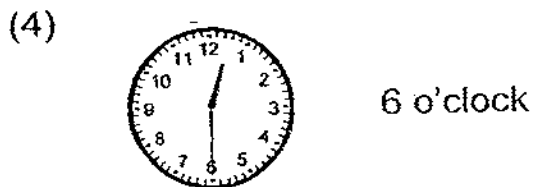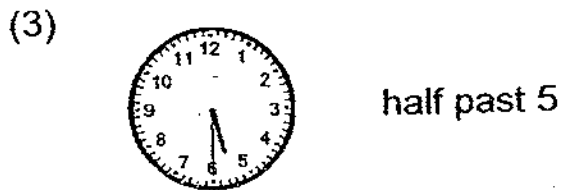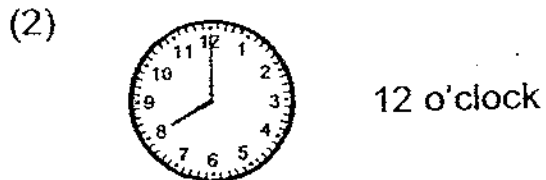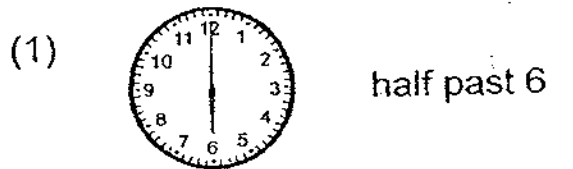5. Jeremy, Chester, Gilbert and Noel share 8 toy cars equally.

Each boy will get _____ toy cars.

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

( )

2

6. Which clock shows the correct time?

(1) half past 6

(2) 12 o'clock

(3) half past 5

(4) 6 o'clock

( )

7. 69 and 5 make _____.

(1) 6 tens 4 ones
(2) 6 tens 5 ones
(3) 7 tens 2 ones
(4) 7 tens 4 ones

( )

8. How many times will John write the digit 4 from 30 to 40?

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

( )

3

9. Brian is thinking of a 2-digit number.
    The digit in the tens place is 3 more than 4.
    The digit in the ones place is 2 less than the digit in the tens place.
    What is the number that Brian is thinking of?

    (1) 37
    (2) 73
    (3) 57
    (4) 75   (   )

10. Study the pattern below.

    | | | | | | | |
    | 1st | 2nd | 3rd | 4th | 5th | 6th | 9th |

    What is the 9th object?

    1)

    (2)

    (3)

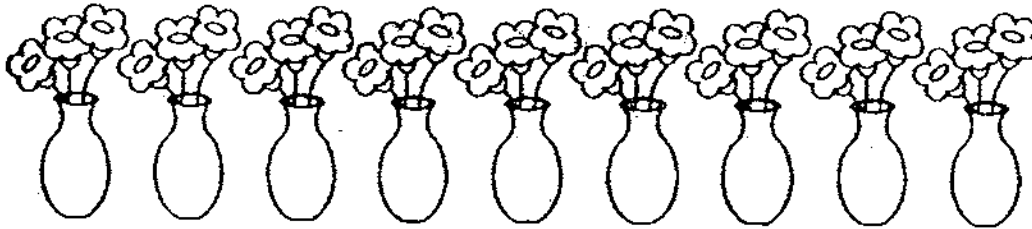   (4)   (   )

11. 80 children went to the Zoo on Thursday. 12 of them have the
    'Friends of the Zoo' card. How many children do not have the
    card?

    (1) 58
    (2) 68
    (3) 78
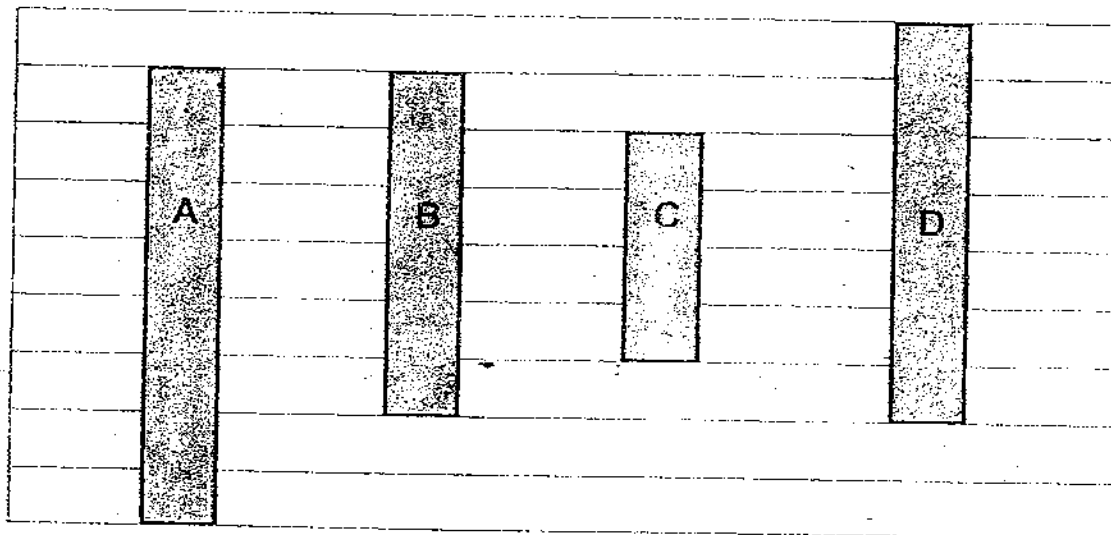   (4) 92   (   )

4

12.

9 x _____ = 27

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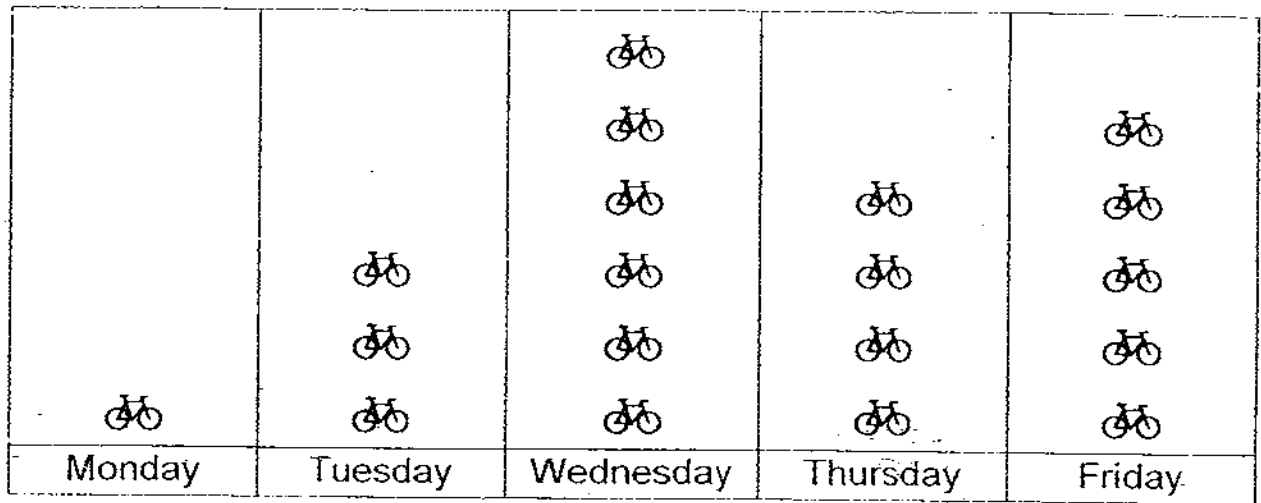 (3)   3
  (4)   9

( )

13.

Ribbon _____ is the longest.

  (1)   A
  (2)   B
  (3)   C
  (4)   D

( )

14. The picture graph shows the number of bicycles sold by Mr. Tan.

Number of bicycles sold

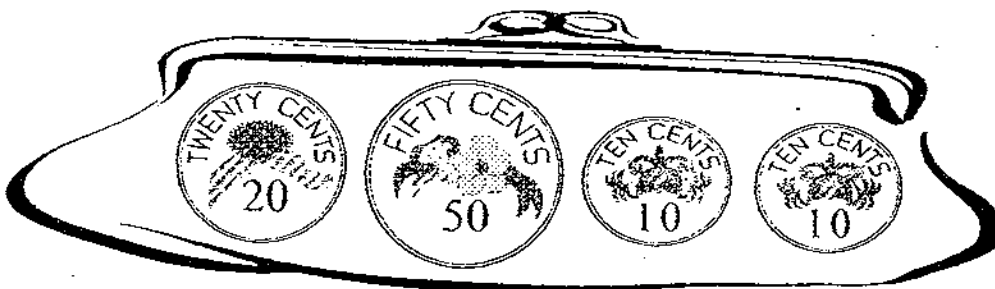| Monday	Tuesday	Wednesday	Thursday	Friday
		🚲		
		🚲		🚲
		🚲	🚲	🚲
	🚲	🚲	🚲	🚲
	🚲	🚲	🚲	🚲
🚲	🚲	🚲	🚲	🚲

Each 🚲 stands for 1 bicycle.

Mr Tan sold _____ more bicycles on Thursday than on Monday.

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

(   )

15.

How much money is in the purse?

(1) 100 ¢
(2) 90 ¢
(3) 80 ¢
(4) 40 ¢

(   )

6

16. Tom had $10.
He bought 2 yoyos.
How much money had he left?
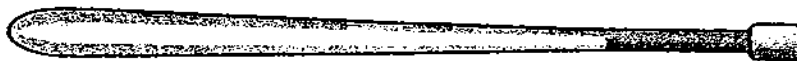
1 yoyo
$2

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

( )

17.
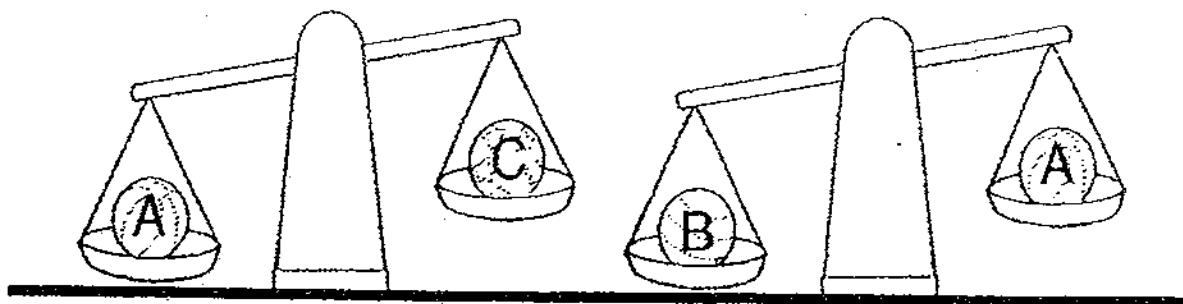
Bat

Screwdriver

Key

The bat is about _____ long.

- (1) 5
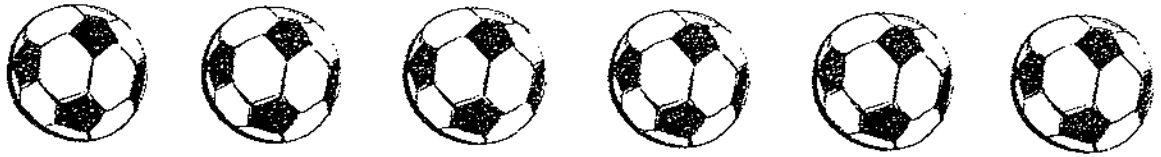- (2) 6
- (3) 3
- (4) 9

( )

18.

Which statement is true?

- (1) A is the lightest.
- (2) B is the heaviest.
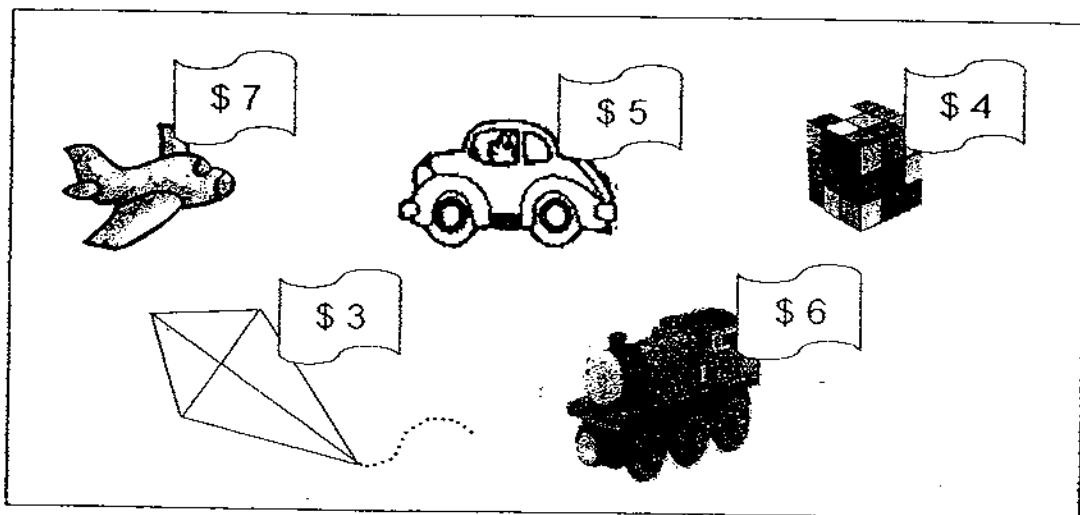- (3) C is heavier than A.
- (4) B is lighter than C.

( )

7

19. A group of boys share some balls. If each boy gets 3 balls, how many boys are there in the group?

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

( )

20. John had $20. He spent his money on some toys.
What is the most number of toys that John can buy?
(John can buy only one of each toy.)
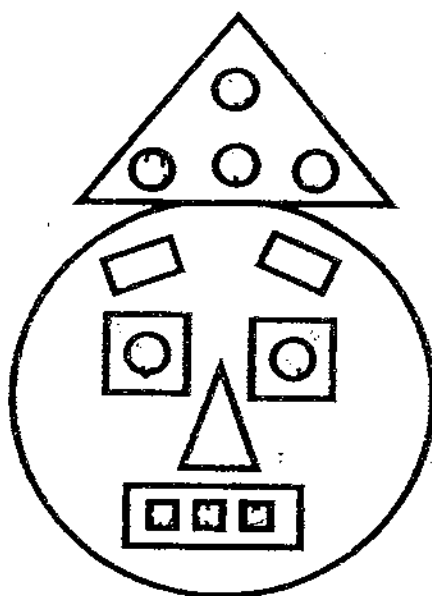

(1) 5
(2) 2
(3) 3
(4) 4

( )

Section B (20 x 2 marks)
Do the following questions.

21. Write the following in numerals.

   a) thirty-seven:

   b) one hundred:

Study the figure below and answer questions 22 and 23.
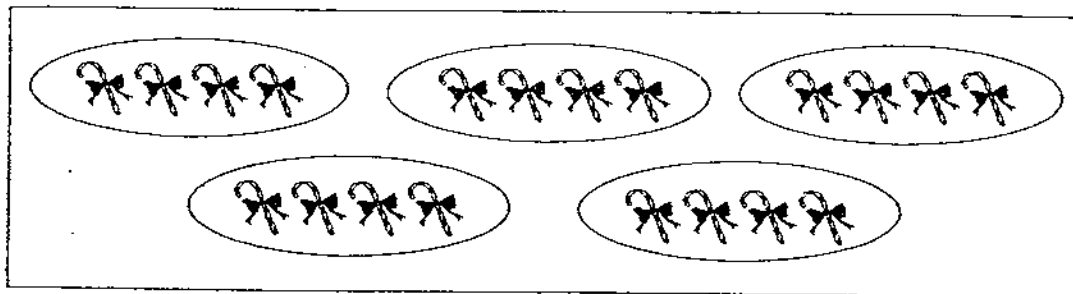
22. How many squares are there?

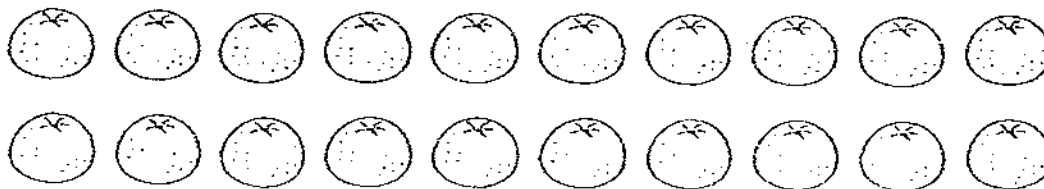   Ans:

23. How many triangles and circles are there in all?

   Ans:

24. Study the picture below.
How many groups of 4 are there?

Ans: [ ]

25. There are 20 oranges.
4 children share the oranges equally.
How many oranges does each child get?

Ans: [ ]

26. What are the two numbers that are <u>smaller than 93</u> but <u>greater than 61</u>?

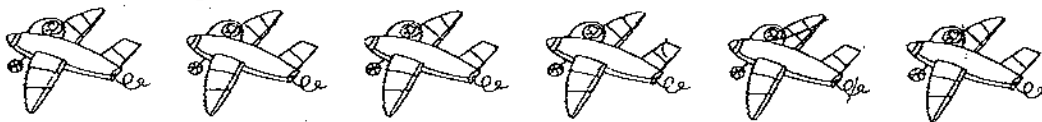| 76 | 82 | 61 | 54 | 93 |

Ans: [ ]

Ans: [ ]

27. Nancy is standing in a queue. She is the 3rd person from the front and the 8th person from the back. How many people are there in the queue?

Ans:

28. I am between the 1st and 3rd aeroplane in the row.
I am nearer to the right end of the row.
Which aeroplane am I? **Circle** me.

Left   Right

29. A, B and C are umbrellas.
A is longer than B.
C is longer than B but shorter than A.
Write B and C in the boxes provided.
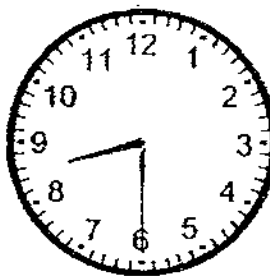
30. **Circle** the presents that have the same answer.

31. Complete the addition sum below.

$$
\begin{array}{cc}
\boxed{2} & \boxed{} \\
+ \boxed{} & \boxed{8} \\
\hline
\boxed{5} & \boxed{5} \\
\hline
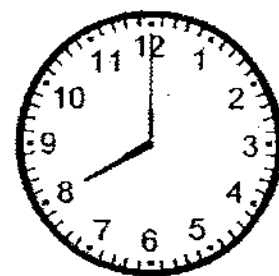\end{array}
$$

32. Study the picture and fill in the box.

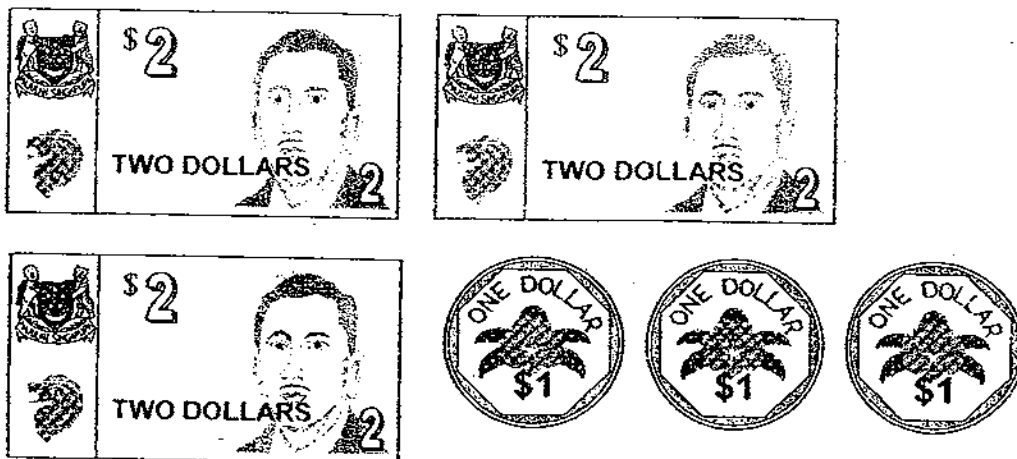Ben   Carl   Dan

Three boys, Ben, Carl and Dan, took their dinner at different times last night. Who took his dinner last?
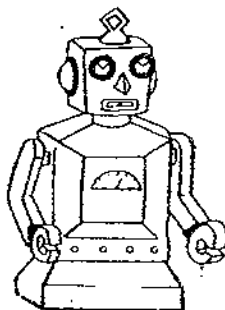
Ans: [   ]

33. **Circle** the correct number of notes and coins to make $5.

34. Look at the toys below.
Sam and Bob bought a toy each.
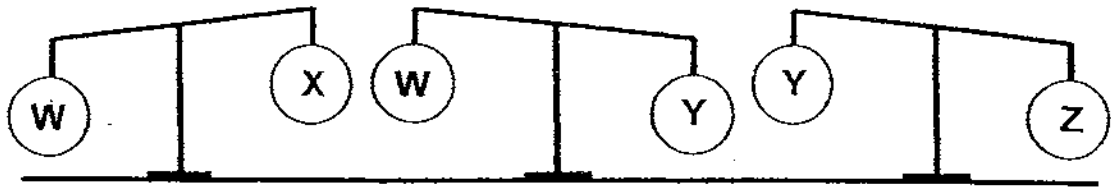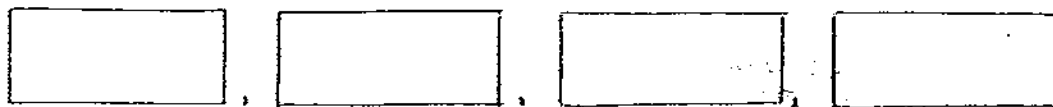What did Bob buy if he spent $5 more than Sam?

toy car	toy robot	toy watch
$8	$10	$13

Ans: [   ]

35. Look at the scales given below.

Arrange the objects from the lightest to the heaviest.

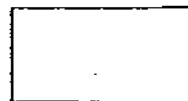(Lightest)   (Heaviest)

36.
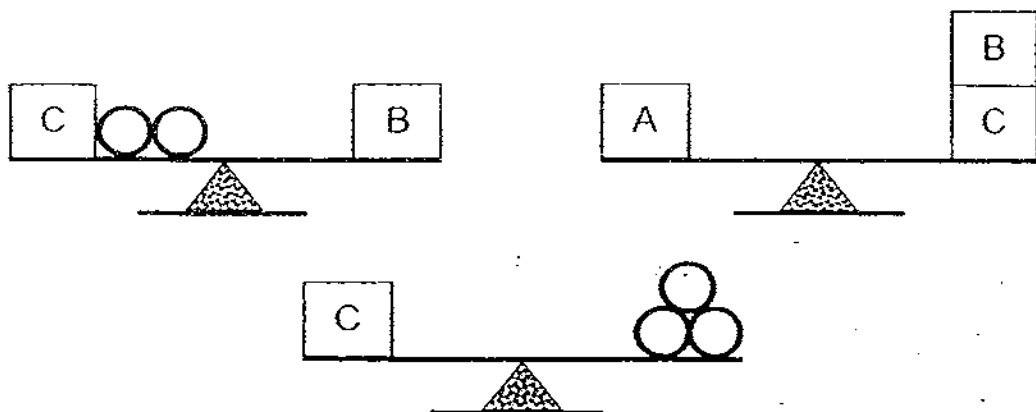
The mass of Box A is equal to [   ] ◯.
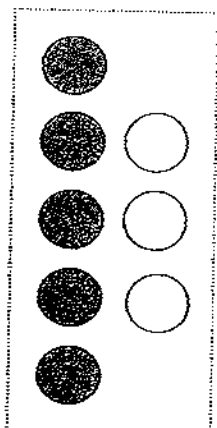
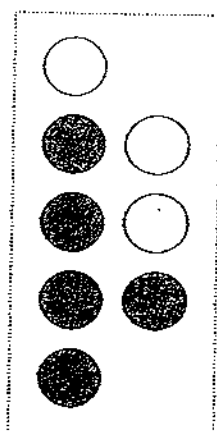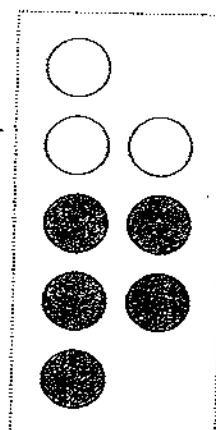37. Continue the pattern by **shading** the correct circles in Figure 4.
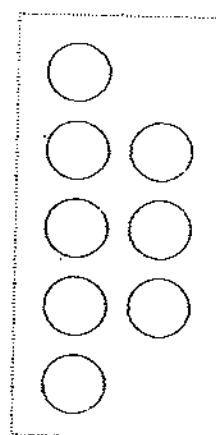
Figure 1   Figure 2   Figure 3   Figure 4

38. How many bricks are there in the 7th layer?

1st layer

2nd layer

3rd layer

4th layer
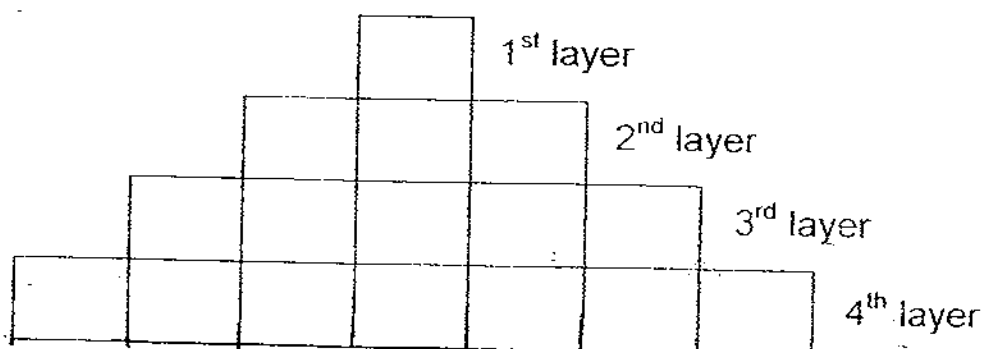
Ans:

39. Complete the graph for Monday and Tuesday.

Draw △ to represent the correct number of books on Monday and Tuesday accordingly.
Refer to the statements below to complete the graph.

Ali reads 3 more books on Monday than on Wednesday.
He reads 1 book less on Tuesday than on Monday.
He reads 2 story books on Wednesday.

		△ △
Monday	Tuesday	Wednesday
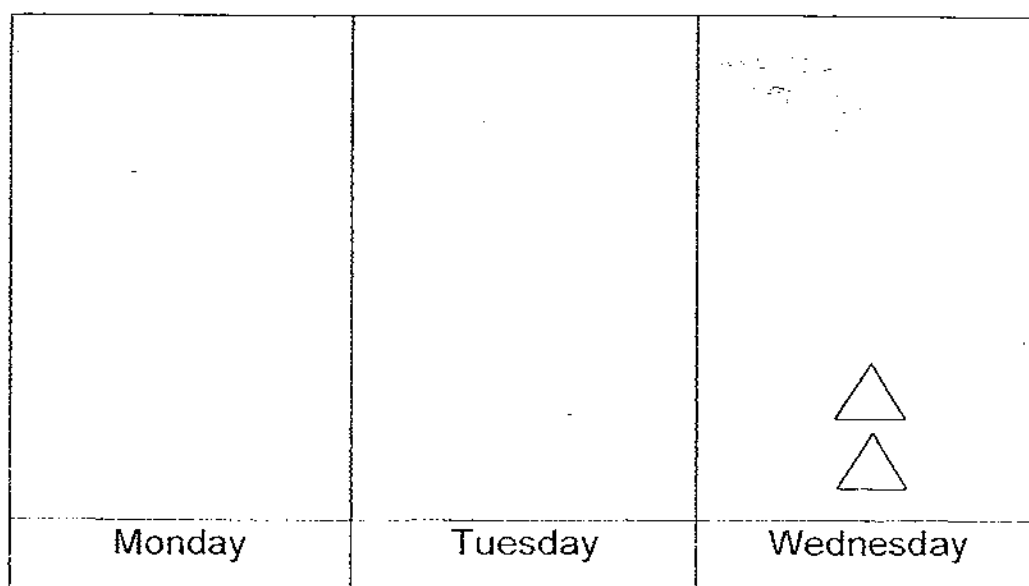
Each △ stands for 1 book.

Refer to the graph above to answer question 40.

40. How many books does Ali read in all?

Ans: [   ]

Section C (5 x 4 marks)
Solve the word problems.

41. Alan has 31 sweets.
     His sister has 7 sweets less than him.
     How many sweets do they have altogether?

         They have _____ sweets altogether.

42. Esther had 5 twenty-cent coins.
     She used some of the money to buy an ice cream.
     How much money had Esther left?

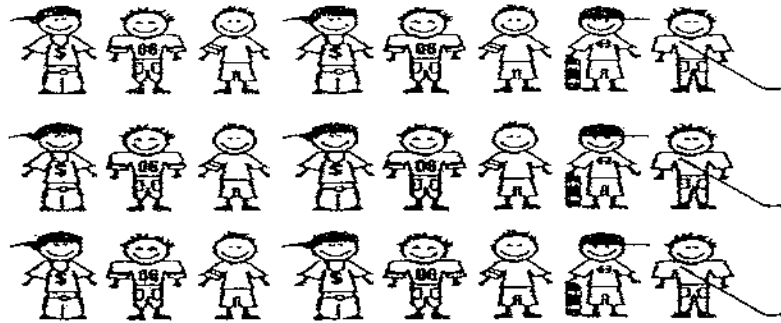   Ice cream
                                                    65¢

         Esther had _____ ¢ left.

43. There were 8 boys in one group.

a) How many boys were there in three groups?

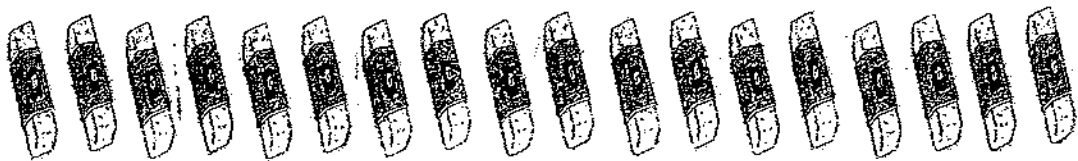There were _____ boys in three groups.

b) 15 of the boys went home.
   How many boys were left?

_____ boys were left.

44. Jasper has some erasers.
    He puts 3 erasers in each group.

a) How many groups of erasers will there be?
   (Circle the erasers to help you get the answer.)

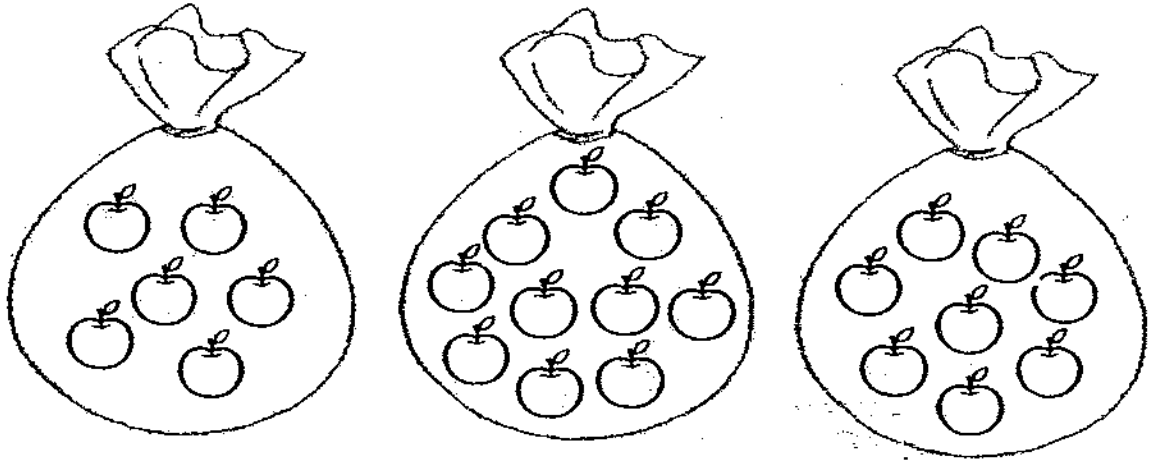There will be _____ groups of 3 erasers.

b) How many erasers are there altogether?
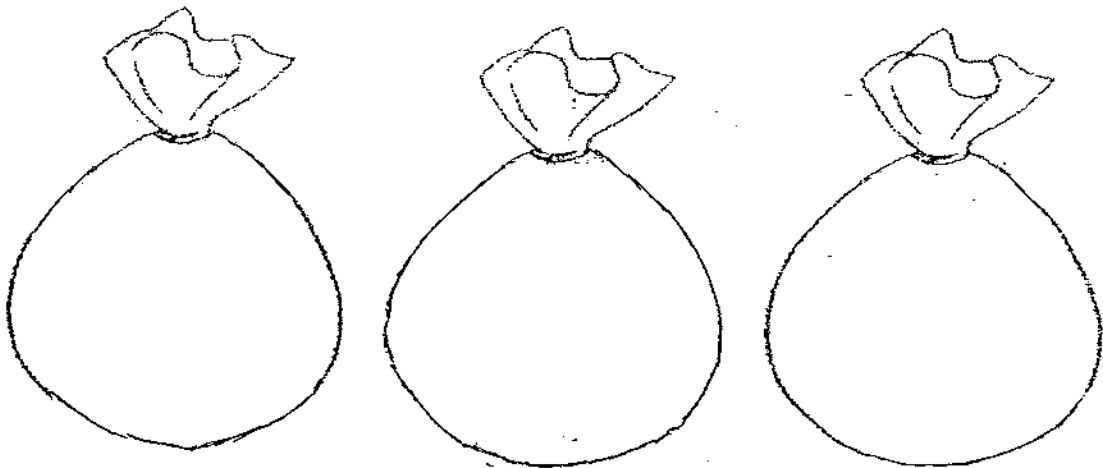
There are _____ erasers altogether.

45. Mrs. Lee has 3 bags of apples.

a) How many apples does she have in all?

Mrs Lee has _____ apples.

b) She wants to repack all the apples equally into the 3 bags.
   Help her repack the apples.
   Draw the apples in the bags below.

☺ END OF PAPER ☺

PLEASE CHECK YOUR WORK!

EXAM PAPER 2009

SCHOOL : CATHOLIC HIGH PRIMARY
SUBJECT : PRIMARY 1 MATHEMATICS

TERM   : SA2

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

Q18	Q19	Q20
2	2	4

21)a)37 b)100   22)5   23)9   24)5   25)5   26)76,82   27)10

28)∈ ∈ ∈ ∈ ⓒ ∈   29)C, A, B   30)40-3, 30+7   31)27+28=55

32)Carl   33)$2,$1,$1,$1   34)toy watch   35)X,W,Y,Z   36)8

37)Figure circles 5 ball   38)13   39)Monday:△△△△△ Tuesday:△△△△

40)11   41)55   42)35c   43)a)24 boys   b)9   44)a)6 group   b)18

45)a)24 apples   b)

0000 0000	0000 0000	0000 0000