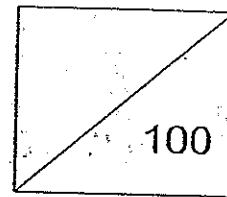




CATHOLIC HIGH SCHOOL
END-OF-YEAR EXAMINATION 2010
MATHEMATICS
PRIMARY 1



Name: _____ ()

Class: Primary 1 _____

Date: 26 October 2010

Duration: 1 h 15 min.

Parent's signature : _____

There are 19 pages consisting of 3 sections in this paper.

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

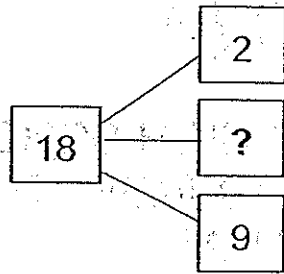
Section B: Open-ended Questions 20 x 2 marks

Section C: Story Sums 5 x 4 marks

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

Choose the correct answer and write the number 1, 2, 3 or 4 in the brackets.

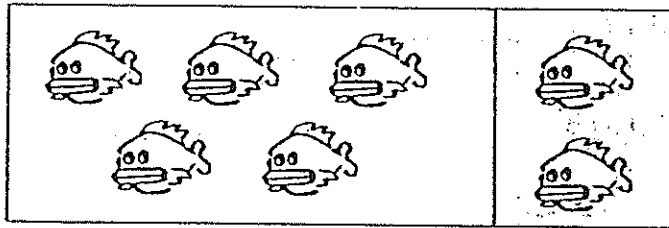
1. What is the missing number in the number bond below?



- (1) 1
- (2) 6
- (3) 7
- (4) 8

()

2. Which of the following number sentences best describes this picture?



- (1) $3 + 2 = 5$
- (2) $5 + 2 = 7$
- (3) $5 - 3 = 2$
- (4) $7 - 3 = 4$

()

3. 7 less than 45 is _____.

- (1) 33
- (2) 35
- (3) 38
- (4) 52

()

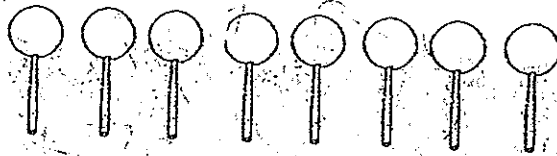
4. Which one of the following number statements shows 3 fours?



- (1) $3 + 4$
- (2) $3 + 3 + 3$
- (3) $4 + 4 + 4$
- (4) $3 + 3 + 3 + 3$

()

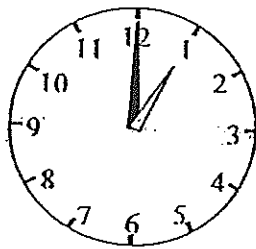
5. Nancy shares the lollipops equally with her 3 friends. How many lollipops will each of them get?



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

()

6. Study the clock face carefully.



The time is _____

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

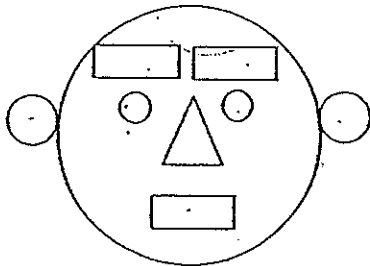
()

7. Which one of the following pictures shows 50¢?



()

8. Study the figure carefully.

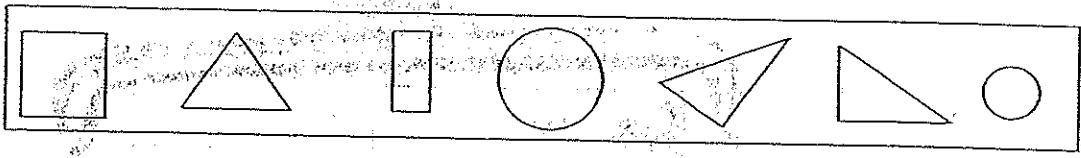


How many more circles than rectangles are there in this figure?

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

()

9. Which of the following shapes appear three times in the box below?



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

()

10. Which animal is 3rd from the right?



lion

monkey

dog

elephant

ostrich

mouse

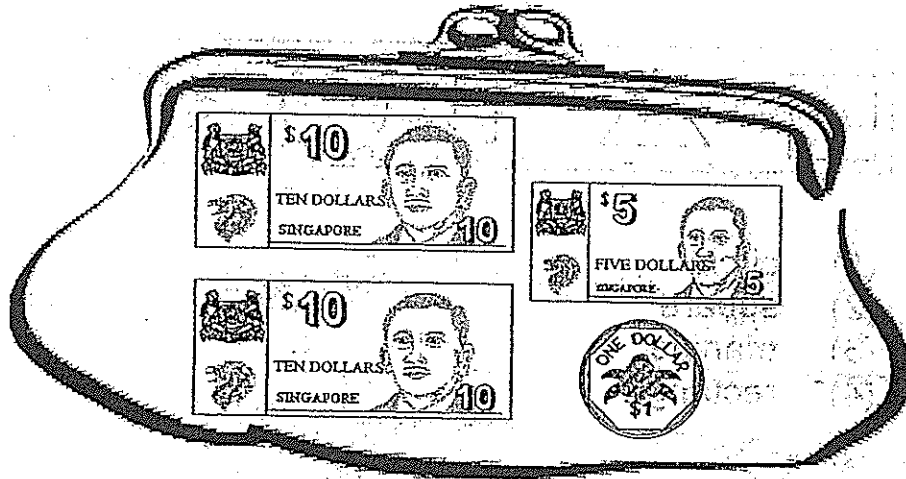
Left

Right

- (1) dog
- (2) lion
- (3) mouse
- (4) elephant

()

11. How much money does Mariam have in her purse?



- (1) \$ 26
- (2) \$ 27
- (3) \$ 35
- (4) \$ 40

()

12. Study the diagrams carefully.

$$\text{Smiley Face} + \text{Smiley Face} = 16$$

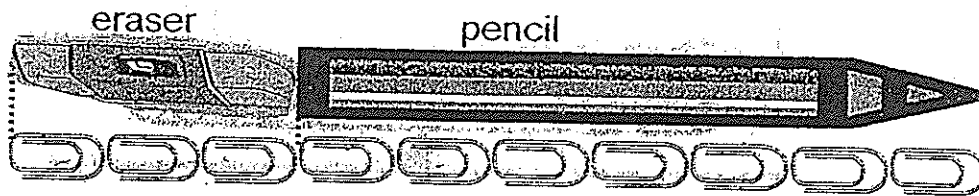
$$\text{Heart} + \text{Heart} + \text{Heart} = 21$$


$$\text{Smiley Face} + \text{Heart} = \boxed{\text{?}}$$

- (1) 5
- (2) 15
- (3) 29
- (4) 37

()

13. Study the diagrams carefully.



The pencil is _____  longer than the eraser.

- (1) 7
- (2) 10
- (3) 3
- (4) 4

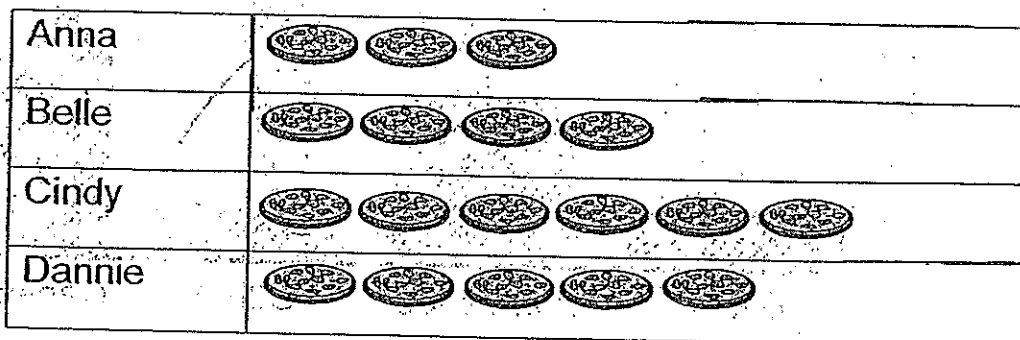
()


14. In a race, Amos is 2nd from the finishing line and 9th from the last boy in the race. How many children ran in the race?

- (1) 7
- (2) 9
- (3) 10
- (4) 11

()

15. The picture graph shows the number of pizzas made by 4 children.



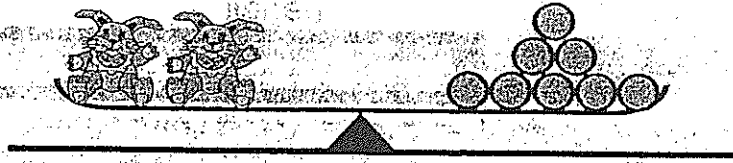
Each  stands for 1 pizza

Which 2 girls made 10 pizzas altogether?

- (1) Anna and Belle
- (2) Cindy and Belle
- (3) Cindy and Dannie
- (4) Anna and Dannie

()

16. Study the diagram carefully.



The mass of one  is _____ .

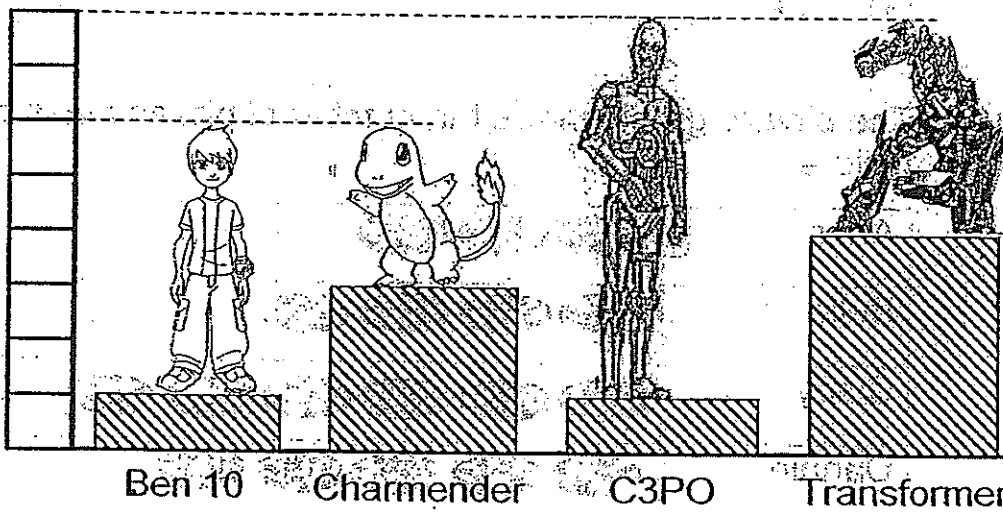
- (1) 1
- (2) 2
- (3) 3
- (4) 4


()

17. Study the diagrams carefully.

Four toys are placed on wooden boxes .

Which of the following toys is the shortest?

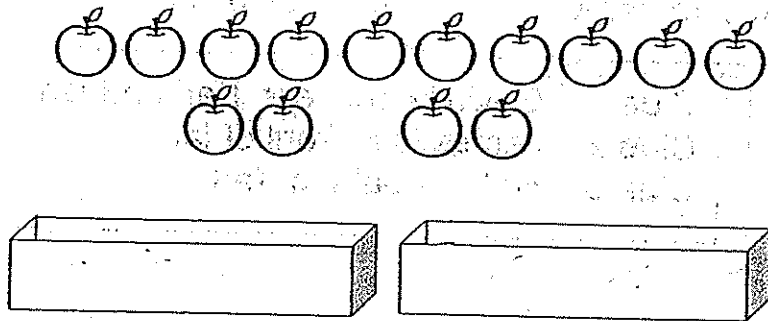


Each  stands for 1 unit.

- (1) C3PO
- (2) Ben 10
- (3) Charmender
- (4) Transformer

()

18. Put 14 apples equally into 2 boxes.

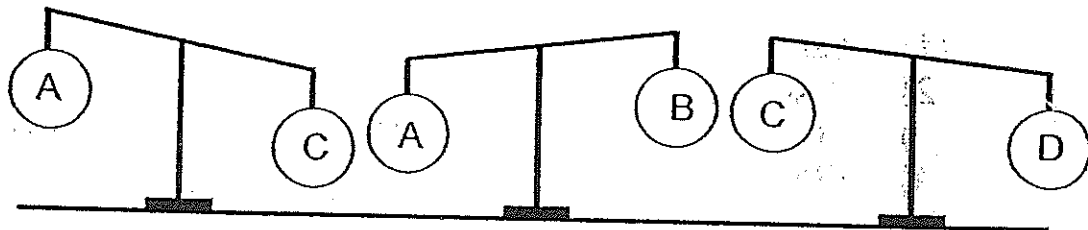


How many apples are there in each box?

- (1) 7
- (2) 2
- (3) 3
- (4) 4

()

19. Look at the scales below.



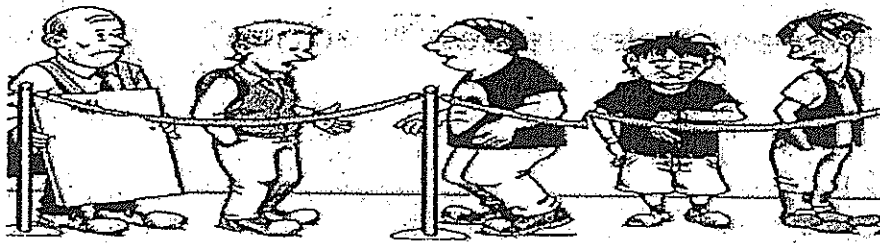
Arrange the objects from the heaviest to the lightest.

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

()

20. Gavin, Hans, Ian, James and Karl are at a bus-stop. To find out where James is, use the clues below:

- Clue 1: Gavin is between Karl and Ian.
Clue 2: James is in front of Ian.
Clue 3: Hans is behind Karl.



Hans

4th

3rd

2nd

1st

James is in the _____ position.

- (1) 1st
- (2) 2nd
- (3) 3rd
- (4) 4th

()

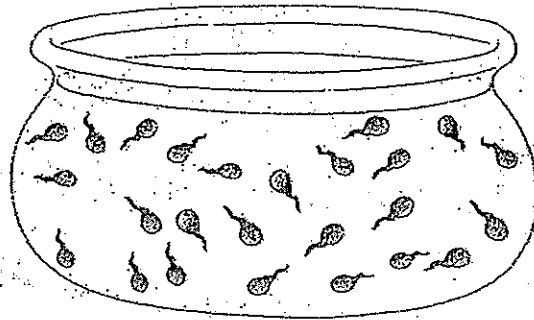
Section B : Open – Ended Questions (20 x 2 marks)
Do the following questions.

21. Write the following in numerals.

(a) forty- seven =

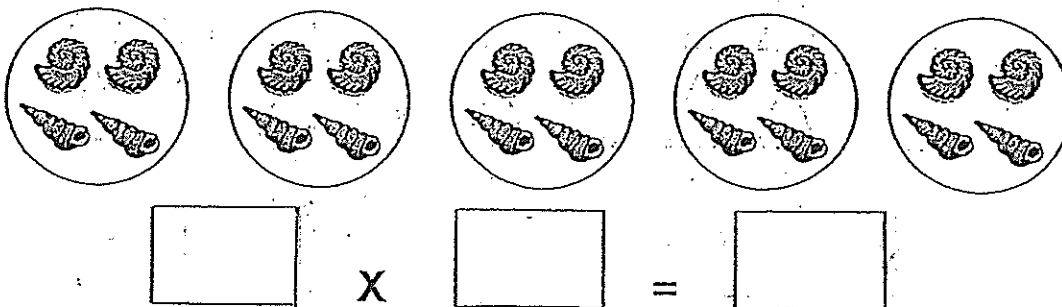
(b) thirteen =

22. Sean caught 25 tadpoles. If he puts 5 tadpoles in a plastic cup, how many plastic cups will he need?



Ans :

23. Write a multiplication sentence based on the diagrams below.



24. Complete the subtraction sum below.

| | | |
|---|---|---|
| | 6 | 0 |
| — | 5 | 8 |
| | | |

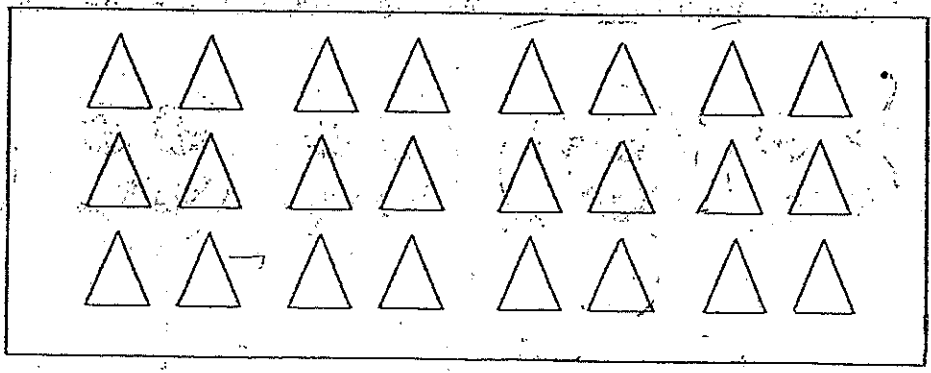
Ans :

25. What is the number in the box?

$$\begin{array}{r}
 59 \\
 + 2\boxed{?} \\
 \hline
 85
 \end{array}$$

Ans :

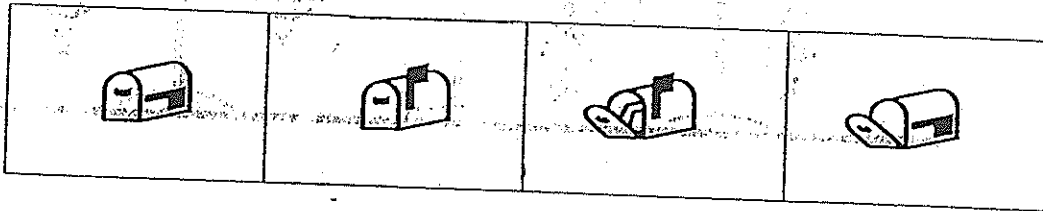
26. Wei Jie had 24 triangles. He gave away some triangles and was left with 13 triangles. Circle the number of triangles he gave away.



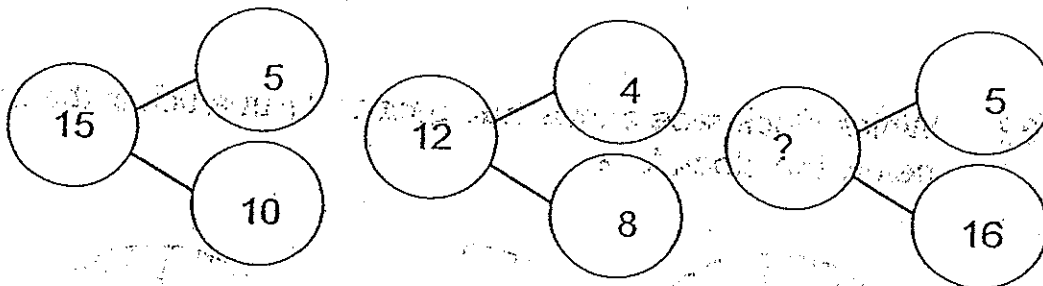
27.



What is the missing item in the pattern? Circle the correct answer.



28. The number bonds given below have the same pattern. Find the missing number.



Ans :

29. $45 + 55 =$ _____ tens

Ans :

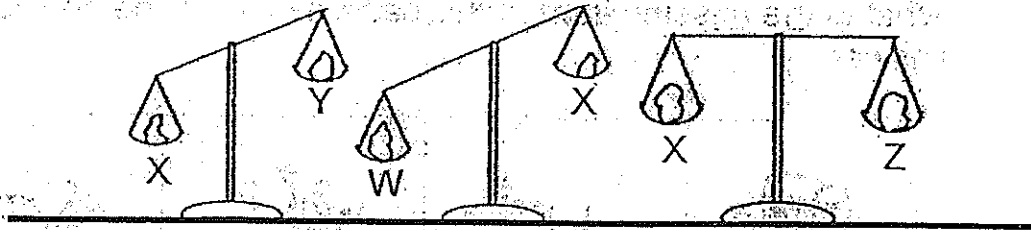
tens

30. Ronald is thinking of a 2-digit number.
The digit in the tens place is 3 less than 7.
The digit in the ones place is 4 more than the digit in the tens place.

What number is Ronald thinking of?

Ans :

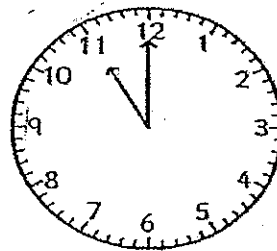
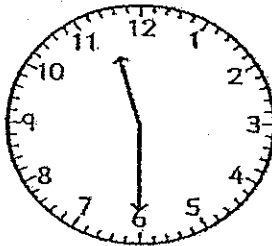
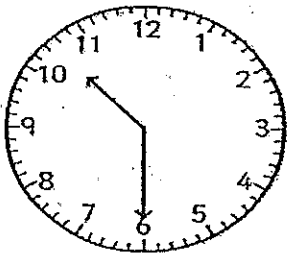
31. Look at the scales below.



Object Z is lighter than Object _____.

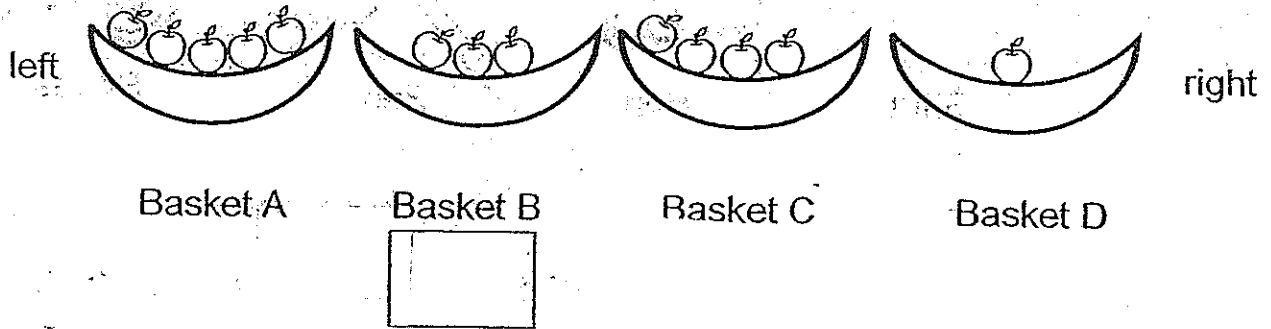
Ans :

32. Which clock face shows half past 11? Put a tick in the box below the clock face.

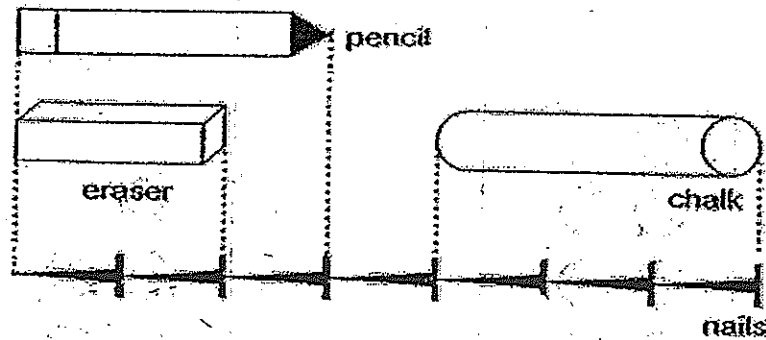


33. Barry takes all the apples from the second basket on the right. He then puts all the apples into the second basket from the left.

- Count the number of apples in baskets B and C now.
- Write the number in the boxes below.



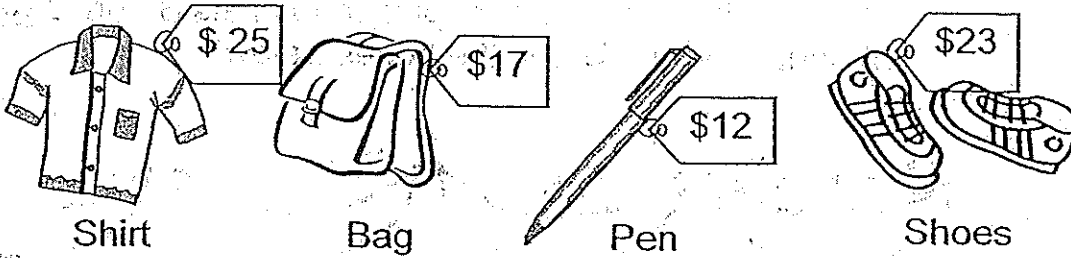
34. Study the diagram below.



The total length of the pencil, eraser and chalk is _____

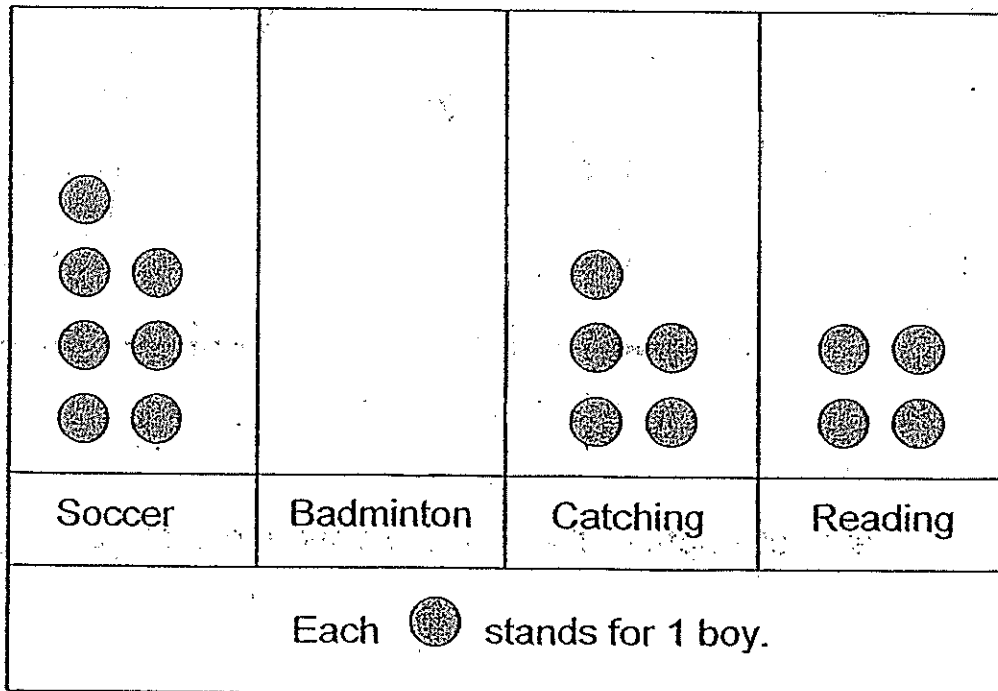
Ans :

35. Look at the pictures given. Mr Tan spent a total of \$40. Which 2 items did he buy?



Ans : and

36. The picture graph shows the favourite recess activity of 18 boys.



Draw the correct number of to represent the number of boys who like to play badminton.

37. Study the pattern below. How many dots will there be in Figure 4?



Figure 1

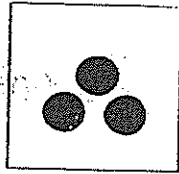


Figure 2

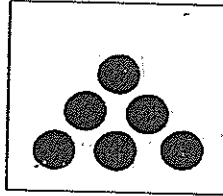


Figure 3

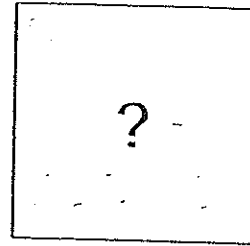
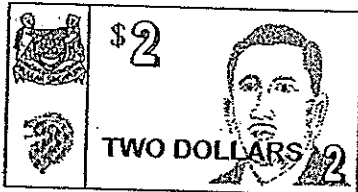
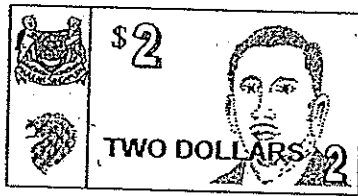


Figure 4

Ans :

38. John has a total of 8 notes and coins in his pocket. The amount of money he has is \$9. Circle the correct number of notes and coins to make \$9.



39. Look at the number pattern below.
Find the value of A.

100 , 98 , 94 , 88 , A , 70

Ans :

40. There are 10 children in a queue. Val is 3rd from the front.
Pam is 4th from the back. How many children are **between**
Val and Pam?

Ans :

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

41. Lionel had some stickers.
He gave 15 stickers to his friend and 26 stickers to his sister.
Now he has 31 stickers left.
How many stickers did he have at first?

He had _____ stickers at first.

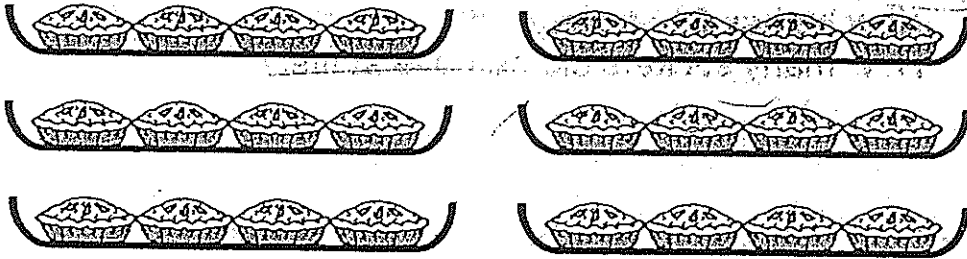
42. Mira has 38 paper clips.
She has 9 fewer paper clips than Sue.
How many paper clips do they have altogether?

They have _____ paper clips altogether.

43. Mrs Koh puts 4 pies in a plate.

a) How many pies are there in 6 plates?

b) How many pies are left if she gives away 9 pies?



a)

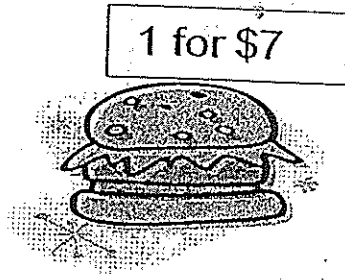
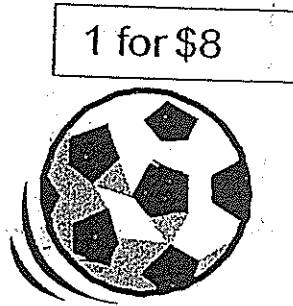
There are _____ pies altogether.

b)

She has _____ pies left.

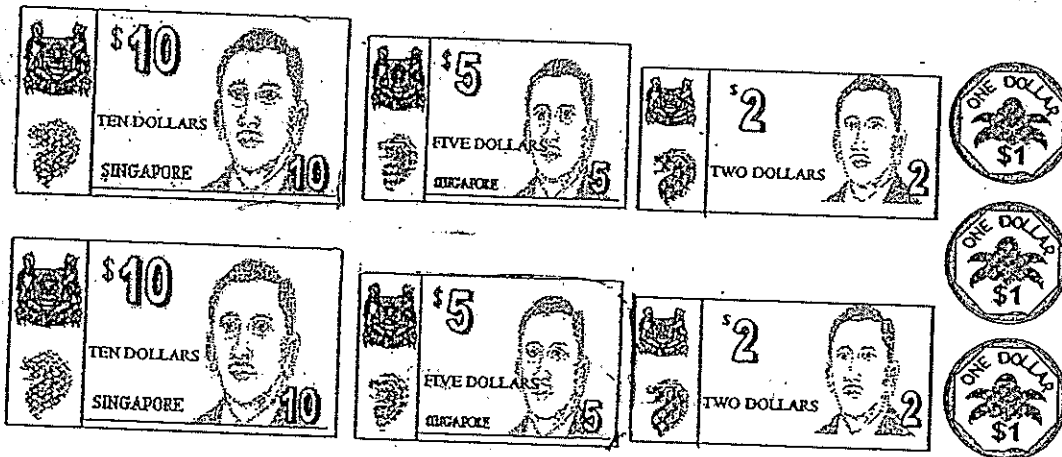
44. John had \$40.
He bought a ball and a burger.

a) How much money did he spend?



He spent \$ _____

b) Circle the amount of money John had left.



45. The picture below shows the number of dots formed around rectangles in each figure.



Figure 1

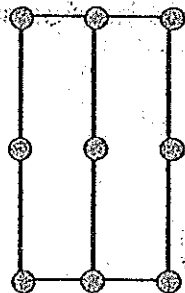


Figure 2

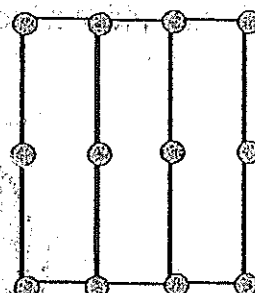


Figure 3

- (a) Complete the table below.

| | | | | |
|----------------|---|---|---|---|
| Figure number | 1 | 2 | 3 | 4 |
| Number of dots | 6 | 9 | | |

- (b) How many dots are there in Figure 6?

There are _____ dots in Figure 6.

☺ END OF PAPER ☺

PLEASE CHECK YOUR WORK!



ANSWER SHEET

EXAM PAPER 2010

**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 | 2 | 3 | 3 | 2 | 1 | 4 | 2 | 3 | 4 | 1 | 2 | 4 | 4 | 2 | 4 | 3 |

| | | |
|-----|-----|-----|
| Q18 | Q19 | Q20 |
| 1 | 4 | 1 |

21a) 47

21b) 13

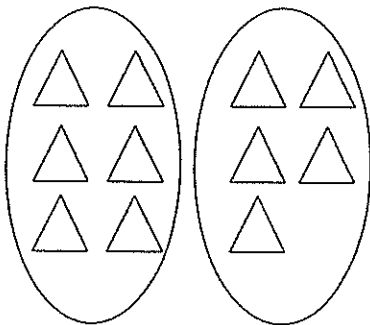
22) 5

23) $5 \times 4 = 20$

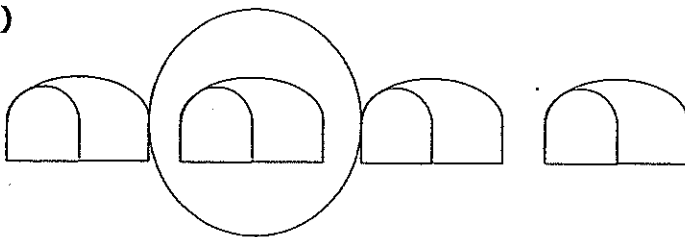
24) 2

25) 6

26)



27)



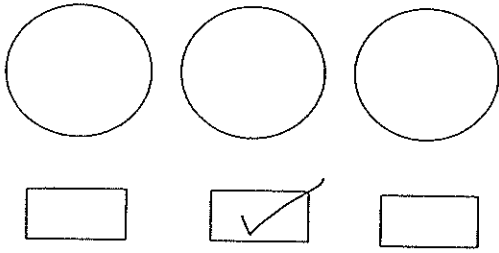
28) 21

29) 10

30) 48

31) W

32)



33a,b) Basket B: 7
Basket C: 0

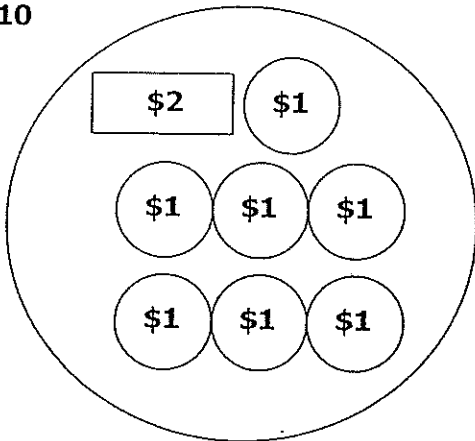
34) 8

35) shoe and bag

36) Badminton: ○ ○

37) 10

38)



39) 80

40) 3

41) $15 + 2 = 41$
 $41 + 31 = \underline{72}$

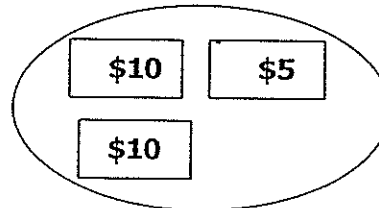
42) $38 + 9 = 47$
 $47 + 38 = \underline{85}$

43a) $6 \times 4 = \underline{24}$

44a) $\$8 + \$7 = \underline{\$15}$

43b) $24 - 9 = \underline{15}$

44b)



45a)

| Figure no. | 1 | 2 | 3 | 4 |
|-------------|---|---|----|----|
| No. of dots | 6 | 9 | 12 | 15 |

45b) Fig. 5 → 18 dots
Fig. 6 → 21 dots