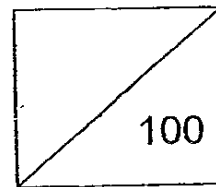# CATHOLIC HIGH SCHOOL
END-OF-YEAR EXAMINATION 2006
MATHEMATICS
PRIMARY 2

100

Name:_____( )

Class: Primary 2 _____

Date: 27 October 2006

Duration: 1 h 15 min

Parent's signature : _____

There are 20 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

23

Choose the correct answer and write its number in the brackets provided.

1) $813 =$ _____ $+ 10 + 3$

    (1) 8
    (2) 80
    (3) 81
    (4) 800   (   )
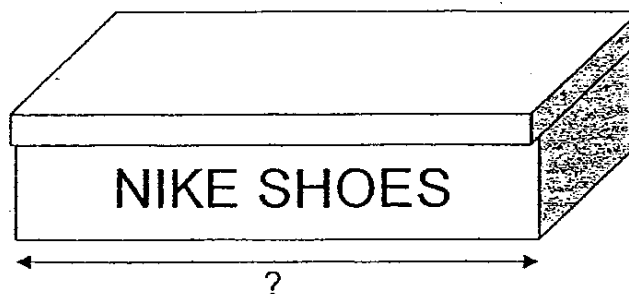
2) The sum of 350 and 598 is _____.

    (1) 248
    (2) 348
    (3) 848
    (4) 948   (   )
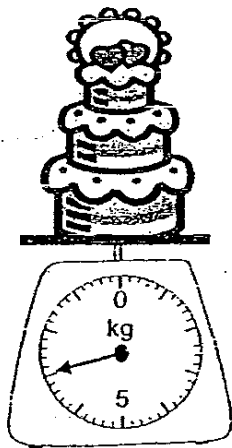
3) Look at the picture below. The length of my father's shoe box is about _____ long.

    (1) 40 cm
    (2) 40 m
    (3) 80 cm
    (4) 80 m   (   )

4) The cake below has a mass of _____ kg.

(1) 5
(2) 6
(3) 7
(4) 8   (   )

5) Which set of numbers will give the greatest answer?

$$4 \times 2 \qquad 6 \times 3 \qquad 2 \times 8 \qquad 3 \times 3$$

A   B   C   D

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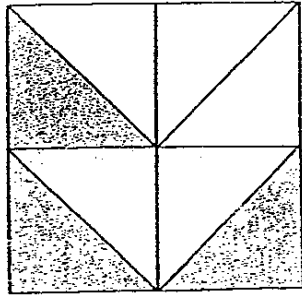(4) D   (   )

6) 6 groups of _____ make 36.

(1) 6
(2) 7
(3) 8
(4) 9   (   )

2

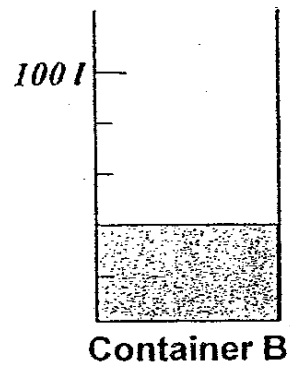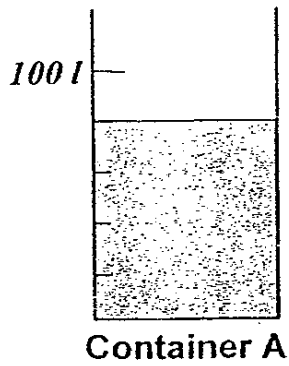7) _____ of the figure is shaded.

(1) $\dfrac{2}{8}$

(2) $\dfrac{3}{8}$
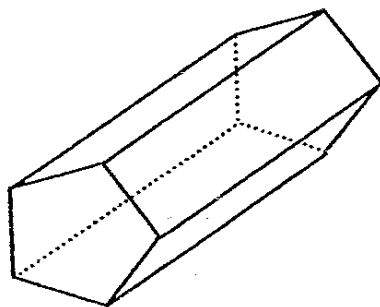
(3) $\dfrac{5}{8}$

(4) $\dfrac{6}{8}$

(·   )

8) What is the total volume of water in Containers A and B as shown below?

100 *l*

Container A

100 *l*

Container B

(1) 40 *l*
(2) 60 *l*
(3) 80 *l*
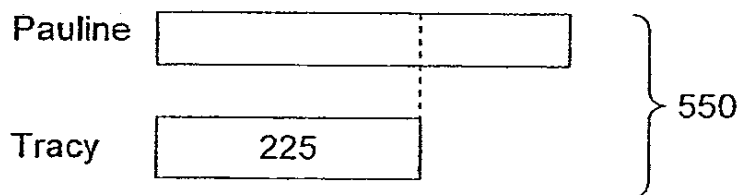(4) 120 *l*

(   )

3

26

9) How many rectangular flat faces does the following object have?

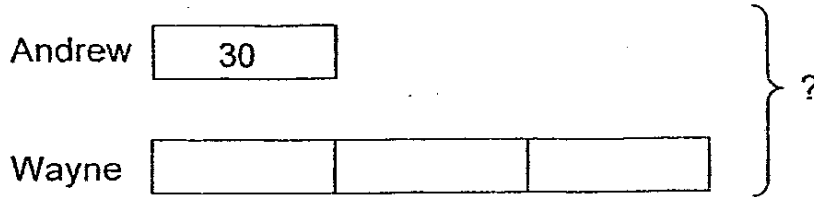(1) 5
(2) 2
(3) 3
(4) 7   (   )

10) Pauline and Tracy collected some stamps as shown in the model below. How many more stamps did Pauline collect?

(1) 100
(2) 225
(3) 325
(4) 775   (   )

4

27

11) Andrew and Wayne own some books. Andrew has 30 books.
Wayne has thrice the number of books as Andrew.
How many books do they have altogether?

Andrew	30		

Wayne:

} ?

(1) 30
(2) 60
(3) 90
(4) 120   (   )

12) 4 x 5 is _____ more than 2 X 3.

(1) 6
(2) 14
(3) 20
(4) 26   (   )

13) James had 8 fifty-cent coins left after buying a doll for his sister
which cost $3.00. How much money had he at first?

(1) $3.00
(2) $4.00
(3) $5.00
(4) $7.00   (   )

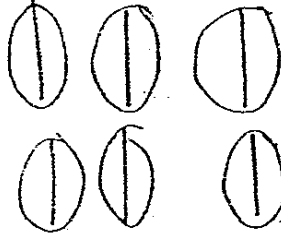14) There are _____ many halves in 6 wholes.

(1) 6

(2) 9
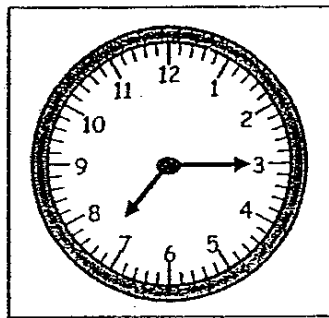
(3) 3

(4) 12   (   )

15) The clock shown below is 2 hours fast.
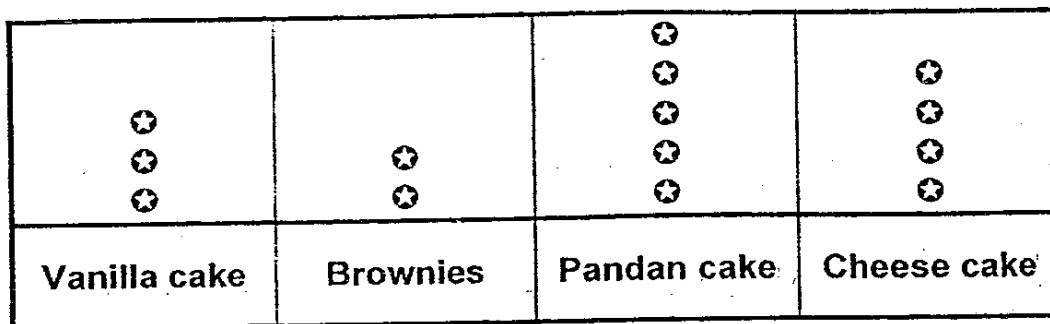
The actual time is _____ p.m.

(1) 5.15
(2) 6.15
(3) 7.15
(4) 9.15   (   )

6

29

16) The picture graph below shows the number of cakes sold in a bakery.

		✪	
		✪	✪
✪		✪	✪
✪	✪	✪	✪
✪	✪	✪	✪
Vanilla cake	Brownies	Pandan cake	Cheese cake

Each ✪ stands for 3 cakes.

How many more Cheese cakes were sold than Brownies?

(1) 6
(2) 2
(3) 12
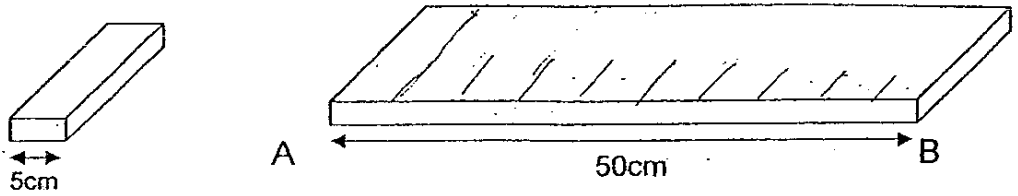(4) 18   (   )

17) I am thinking of a number. When I double the number and add 8 to the result the answer is 22. What is the number I am thinking of?

(1) 7
(2) 14
(3) 16
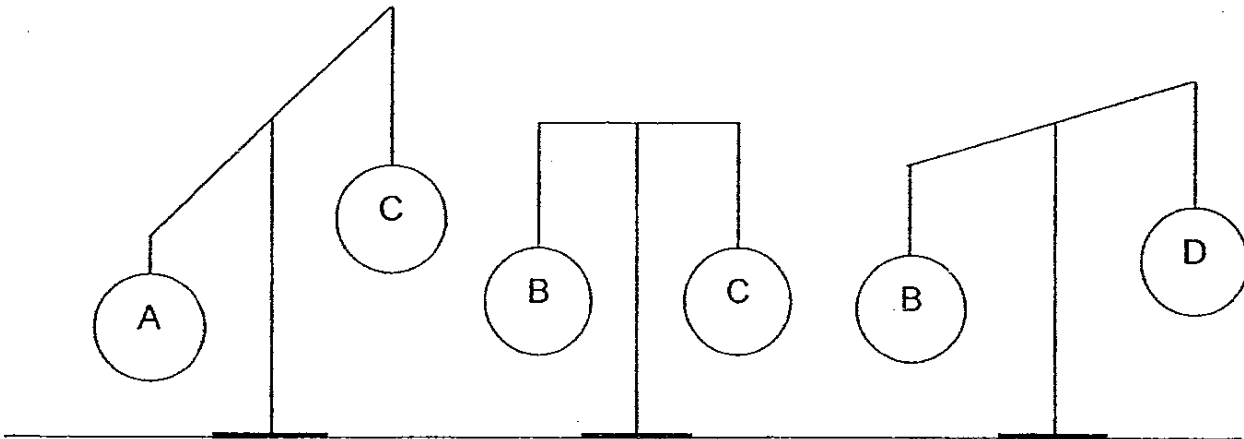(4) 30   (   )

7

18) Look at the picture below. The wooden plank AB has a length of 50 cm. Ken wants to make cuts on the wood to form strips which has a width of 5 cm. How many cuts along the length will he have made from A to B?

5cm

A   50cm   B

(1) 9
(2) 10
(3) 55
(4) 45   (   )
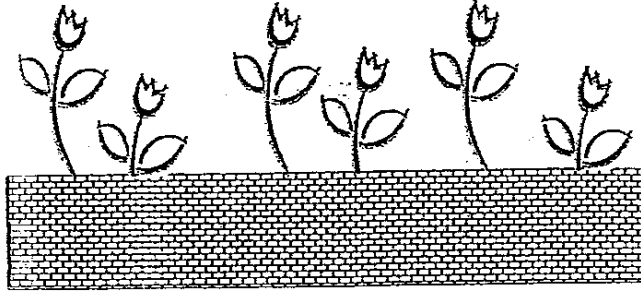
19) Look at the diagram below. Which object is the heaviest?

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

8

31

20) Flower box as shown below, $\frac{1}{3}$ of the flowers are being pulled out.

How many flowers will be left in the flower box in the end?

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

(   )

Please turn over to the next page.
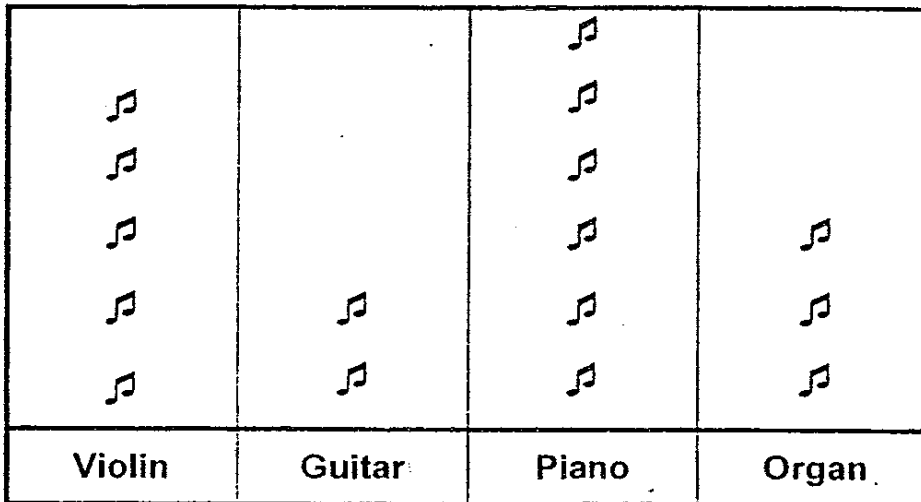
Section B: Open-ended Questions (20 x 2 marks)
Fill in the blanks with the correct answers.

21) The difference between 405 and 123 is _____ .

22) 45¢ + 35¢ = _____ ¢

23) 3.45 p.m. is also known as a quarter to _____ .

24) The graph below shows the various instruments pupils play.

| ♫	♫	♫	♫
♫		♫	
♫		♫	
♫		♫	♫
♫	♫	♫	♫
♫	♫	♫	♫
Violin	**Guitar**	**Piano**	**Organ**

Each ♫ stands for 5 pupils.

a) The least popular instrument is the _____ .

b) 30 pupils play the _____ .

25) Jamie baked 1000 cookies. She threw 58 burnt cookies away and sold 888 cookies. How many cookies did she keep for herself?

She kept _____ cookies for herself.

26) Kumar, Jerry and Meg had some beads as shown in the model below. If Kumar had 65 beads, how many beads did Meg have?

Meg			38

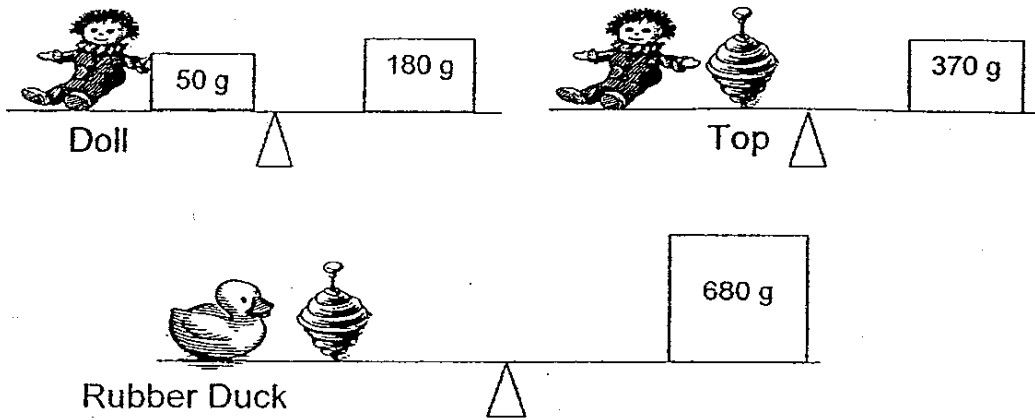| Jerry		24	

Kumar	65	
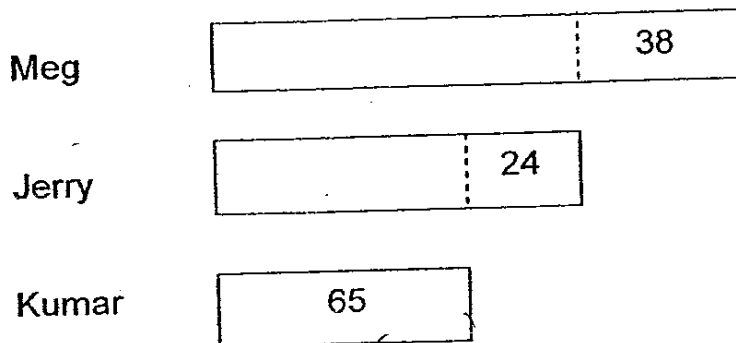
Meg had _____ beads.

27) Henry needs 5 m of rope to build a tent. He needs to build 3 tents but he only has 11 m of rope. How many metres of rope does he need to buy?

He needs to buy _____ m of rope.

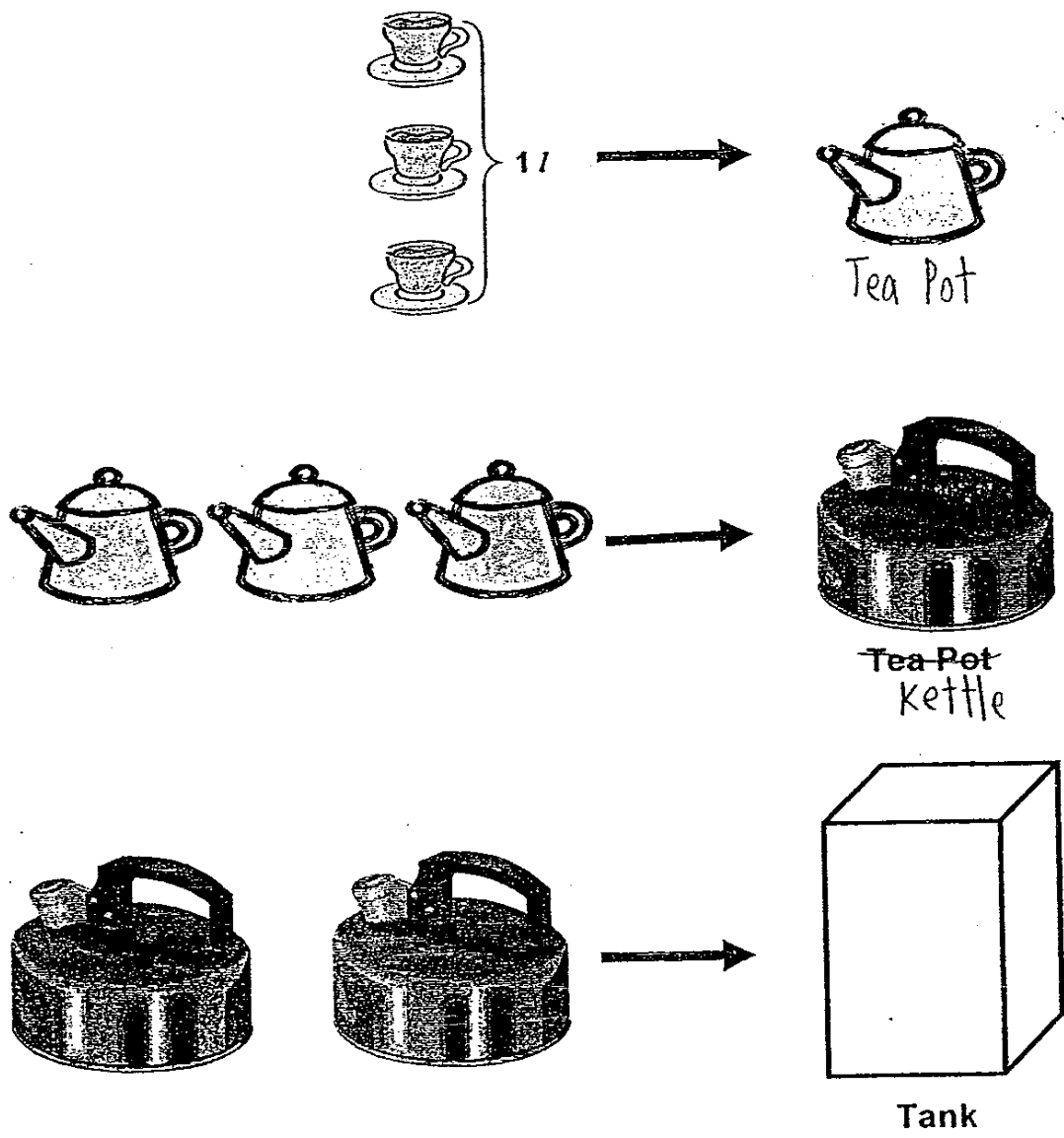28) Look at the diagrams below and answer the following questions.

Doll   50 g   180 g

Top   370 g

Rubber Duck   680 g

a) The mass of the top is _____ g.

b) The mass of the rubber duck is _____ g.

29) $\dfrac{1}{7} + \dfrac{3}{7}$ = _____

30) The diagram below shows the volume of water that a kettle, a tea pot and a tank can hold.

The tank can hold _____ *l* of water.

31) The picture graph below shows the number of Easter eggs received by 3 classes.

Classes	Total Number of Easter Eggs Received
Primary 2A	○ ○ ○
Primary 2B	○ ○ ○ ○
Primary 2C	○ ○ ○ ○ ○ ○ ○ ○

Each ○ stands for 4 Easter Eggs

a) Primary 2C had _____ more Easter eggs than Primary 2A.

b) Primary 2C had twice as many Easter eggs as Primary 2 _____.

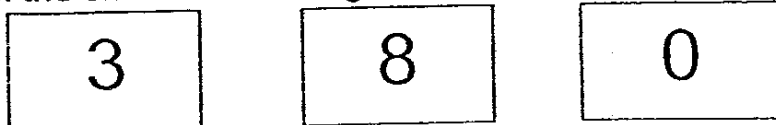32) What shape comes next?
Circle the next shape in the box.

A

B

C

27
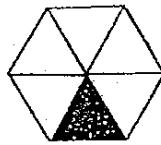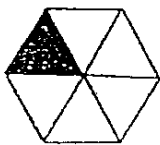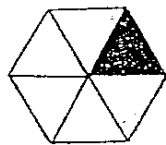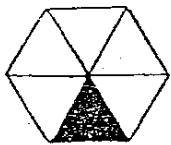
33) Form the smallest three-digit number using the following 3 digits.
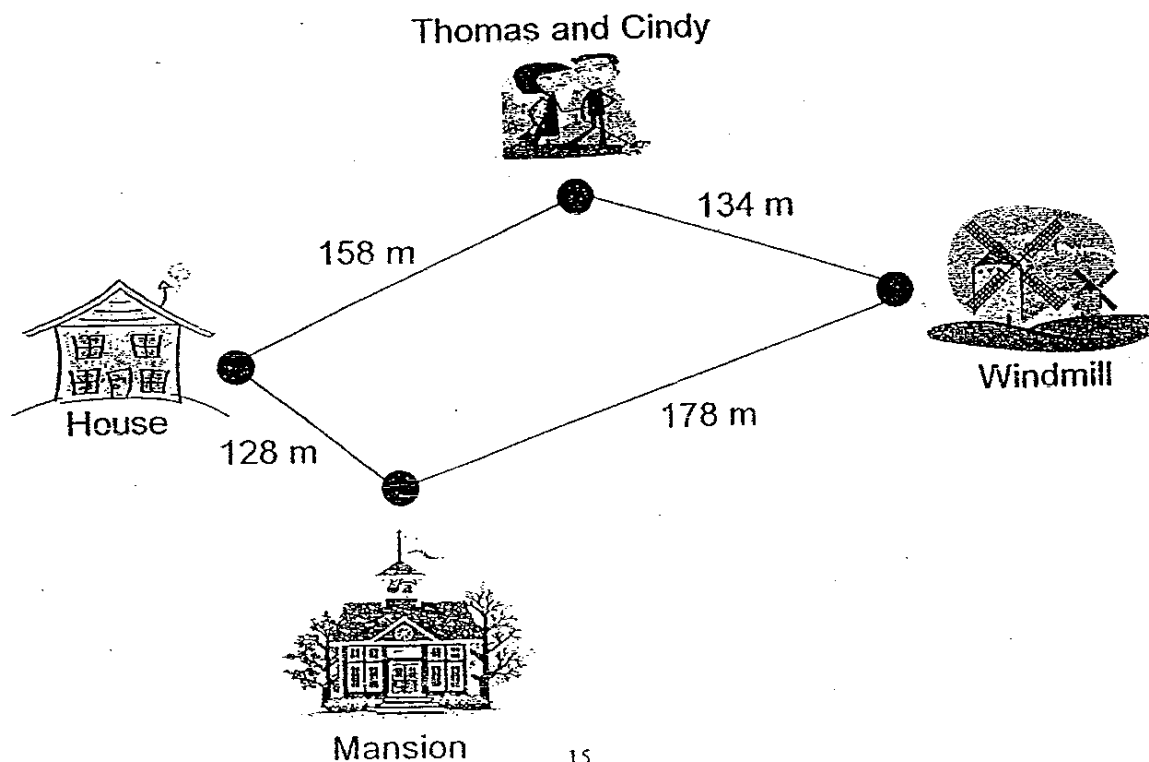
| 3 | 8 | 0 |

The number is _____.

34) Complete the number pattern:
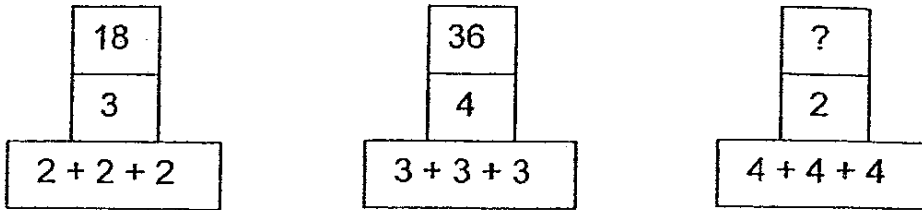
1,　6,　8,　13,　15,　_____,　_____　27

35) Circle the correct answer in the bracket.

Study the diagram below. The shortest distance for Thomas and Cindy to reach the Mansion is to walk pass the

(　　House　/　Windmill　　).

Thomas and Cindy

158 m

134 m

128 m

178 m

House

Windmill

Mansion

15

36) Look at the pattern below. What is the missing number?

18
3

2 + 2 + 2

36
4

3 + 3 + 3

?
2

4 + 4 + 4

The missing number is _____.

37) $16 = \text{Y} \times \text{Y}$

$\text{Y} + ☎ = 7$

The value of ☎ is _____.

38) Ahmad cut a piece of rope into 8 equal parts. Ahmad used $\frac{3}{4}$ of the rope. What fraction of the rope had he left?

He had _____ of the rope left.

39) Jarrell started trekking in Seletar Reservoir at 8 a.m. After trekking for one hour, he sat down for a half an hour break. Then, he completed his trekking after 30 minutes. What time did he complete his trekking?

The time was _____
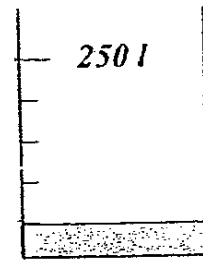
40) The figure below shows 3 containers filled with different amounts of water. Jonathan wanted to pour water from container A into containers B and C until each reaches 250 *l* of water. What would be the volume of water left in Container A?

| _500 l_ | _250 l_ | _250 l_ |
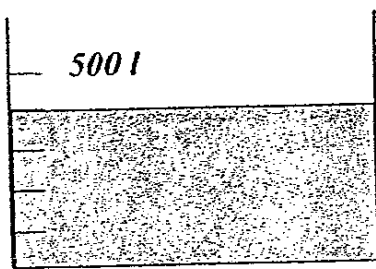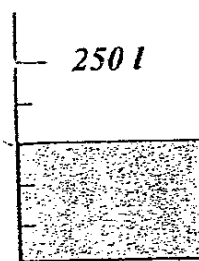
Container A   **Container B**   **Container C**

The volume of water left in Container A would be _____ *l*.

Section C: Story Sums (5 x 4 marks)
Complete the following questions. All workings must be clearly shown.

41) Jim has 340 marbles. He has 113 more marbles than Joash. How many marbles does Joash have?

Joash has _____ marbles.

42) There were 896 people at the carnival. There were 254 boys and 336 girls. The rest were adults. How many adults were there?

There were _____ adults.

43) Desmond walked round the Parade Square twice. How many metres did he walk altogether?

25 m

75 m
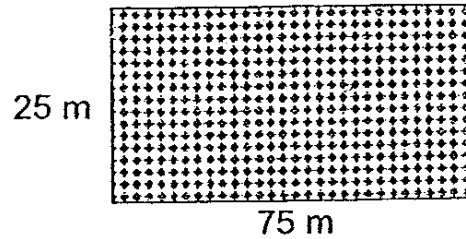
He walked _____ m.

44) Sammy has $678. His holiday package costs $754. How much more money does he need?

Sammy needs $_____ more.

45) Mrs Chu baked 50 muffins. She divided them equally among Jenny and her 4 friends.

a) How many muffins did Jenny have?

Jenny had _____ muffins.

b) Jenny ate 2 muffins. How many muffins had she left?

She had _____ muffins left.

---------------- END OF PAPER---------------

43

Catholic High Primary School

Primary 2 Maths SA2 Exam (2006)

Answer Sheets

Q1	Q2	Q3	Q4	Q5
4	4	1	3	2
Q6	Q7	Q8	Q9	Q10
1	2	4	1	1
Q11	Q12	Q13	Q14	Q15
4	2	4	4	1
Q16	Q17	Q18	Q19	Q20
1	1	1	1	4

21. $405 - 123 = 282$

22. $45\cancel{c} + 35\cancel{c} = 80\cancel{c}$

23. 3.45pm

24a. Guitar
24b. Piano

25. $1000 - 58 = 942$
$942 - 888 = \underline{54}$

26. $65 + 24 + 38 = \underline{127}$

27. $3 \times 5 = 15$
$15 - 11 = \underline{4}$

28a. Doll $= 180 - 50 = 130g$
Top $= 370 - 130 = \underline{240g}$

28b. $680 - 240 = \underline{440g}$

29. $\dfrac{1}{7} + \dfrac{3}{7} = \dfrac{4}{7}$

30. $1\ell \times 3 = 3\ell$
$3\ell \times 2 = \underline{6\ell}$ of water

31a. $5 \times 4 = 20$

31b. Primary $\underline{2B}$

32.

(A)

33. 308

34. <u>20, 22</u>

35. House

36. 24

37. $16 = 4 \times 4$
$7 - 4 = \underline{3}$

38. $\dfrac{8}{8} - \dfrac{6}{8} = \dfrac{2}{8} = \dfrac{1}{\underline{4}}$

39. $0800 + 1hr + 30 + 30$
$= 0800 + 1hr + 1hr$
$= \underline{10am}$

40. $200 + 100 = 300\ell$
$400 - 300 = 100\ell$

41. $340 - 113 = 227$

Joash has <u>227</u> marbles

42. $254 + 336 = 590$
$896 - 590 = 306$

There were <u>306</u> adults

43. $75 + 25 + 75 + 25 = 200m$
$200m \times 2 = 400m$

He walked <u>400m</u>

44. $\$(754 - 678) = \$76.00$

Sammy needs <u>$76.00</u>

45a. $50 \div 5 = 10$
Jenny had <u>10 muffins</u>

45b. $10 - 2 = 8$
She had <u>8 muffins</u> left.