



**Catholic High School**  
**End-of-Year Examination 2011**  
**Mathematics**  
**Primary 2**

Name : \_\_\_\_\_ (            )

Class: Primary 2 \_\_\_\_\_

Date: 27 October 2011

Duration: 1 h 15 min

<b>Section A</b>	<b>40</b>
<b>Section B</b>	<b>40</b>
<b>Section C</b>	<b>20</b>
<b>Total</b>	<b>100</b>

Parent's signature: \_\_\_\_\_

There are 3 sections consisting of 20 pages in this paper.

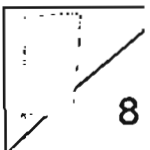
- Section A: Multiple-Choice Questions (MCQ)                      20 x 2 marks
- Section B: Open-Ended Questions                                      20 x 2 marks
- Section C: Story Sums    5 x 4 marks



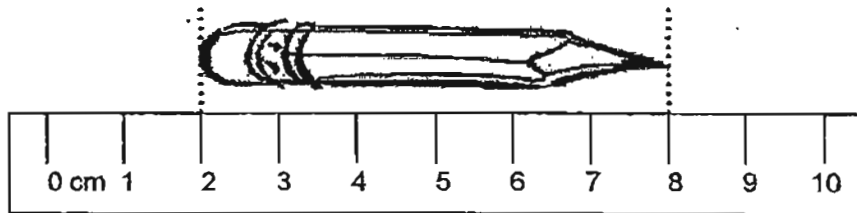
**Section A (20 x 2 marks)**

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

1. Six hundred and thirteen is the same as \_\_\_\_\_.
- (1)  $600 + 30$
  - (2)  $600 + 130$
  - (3)  $600 + 10 + 3$
  - (4)  $600 + 10 + 30$  ( )
2. Sam and Ben saved \$250. Ben saved \$105. How much did Sam save?
- (1) \$55
  - (2) \$145
  - (3) \$210
  - (4) \$355 ( )
3. The product of 9 and 3 is \_\_\_\_\_.
- (1) 6
  - (2) 12
  - (3) 3
  - (4) 27 ( )
4. Ali, Bala and Carl shared 24 marbles equally. How many marbles did Bala get?
- (1) 6
  - (2) 8
  - (3) 3
  - (4) 21 ( )



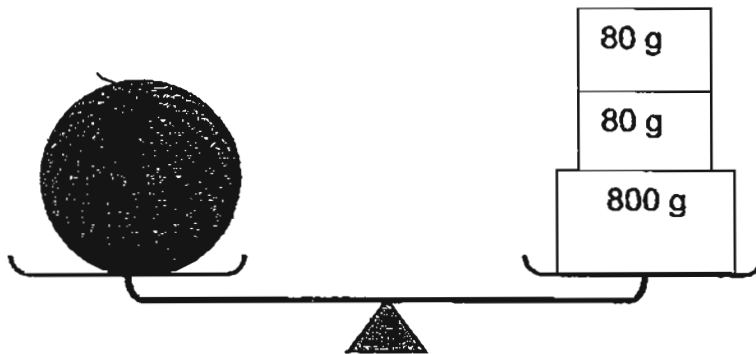
5. Look at the pencil below.  
The length of the pencil is about \_\_\_\_\_.



- (1) 10 cm
- (2) 9 cm
- (3) 8 cm
- (4) 6 cm

( )

6. Find the mass of the watermelon.



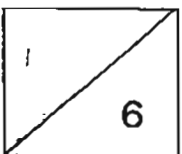
- (1) 640 g
- (2) 860 g
- (3) 888 g
- (4) 960 g

( )

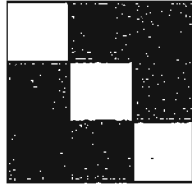
7. 325¢ can be written as \_\_\_\_\_.

- (1) \$3.25
- (2) \$32.50
- (3) \$325
- (4) \$3250

( )



8. This figure is made up of 9 identical squares. What fraction of the figure is unshaded?



(1)  $\frac{3}{9}$

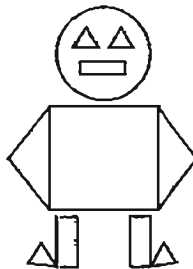
(2)  $\frac{3}{6}$

(3)  $\frac{6}{9}$

(4)  $\frac{6}{3}$

( )

9. The figure below is made up of different shapes. How many triangles are there in the figure?



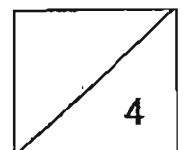
(1) 6

(2) 2

(3) 8

(4) 4

( )



10. 2 hundreds 15 tens 7 ones = \_\_\_\_\_ones.

- (1) 7
- (2) 267
- (3) 357
- (4) 2157 ( )

11. Subtract 567 from 1000. The answer is \_\_\_\_\_.

- (1) 433
- (2) 443
- (3) 533
- (4) 567 ( )

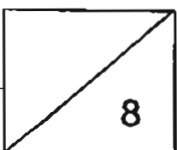
12.  $18 \div 2 =$  \_\_\_\_\_  $\times 3$ .

- (1) 27
- (2) 9
- (3) 3
- (4) 6 ( )

13. Which two items have a total length of 63 cm?

Item	Length
pencil	15 cm
string	36 cm
tie	48 cm
book	17 cm

- (1) pencil and string
- (2) string and book
- (3) pencil and tie
- (4) tie and book ( )



14. Ian has three \$5 notes, two 50¢ coins and three 5¢ coins. How much money does Ian have?

- (1) \$5.55
- (2) \$16.15
- (3) \$18.45
- (4) \$60.00

( )

15. Morgan had \$5. He bought 2 items and the cashier gave him 85¢ as change. Which 2 items had he bought?

chocolate

cornflakes

potato chips

lollipop



\$2.90

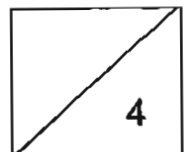
\$3.30

85¢

75¢

- (1) cornflakes and lollipop
- (2) chocolate and lollipop
- (3) chocolate and potato chips
- (4) cornflakes and potato chips

( )



16.

Figure A



Figure B



Figure C

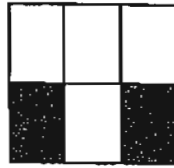


Figure D

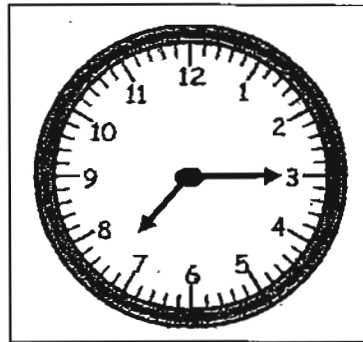


Which of the above figure shows  $\frac{2}{6}$  of its shape shaded?

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

( )

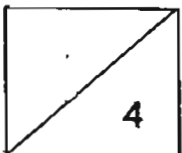
17. The clock shown below is 2 hours fast.



The actual time is \_\_\_\_\_ p.m.

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

( )





18. A tank can hold 4 pails of water.  
Each pail can hold 3 litres of water.  
How much water can a tank hold?

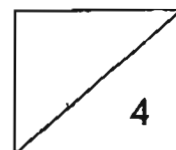
- (1) 7ℓ
- (2) 8ℓ
- (3) 12ℓ
- (4) 24ℓ

( )

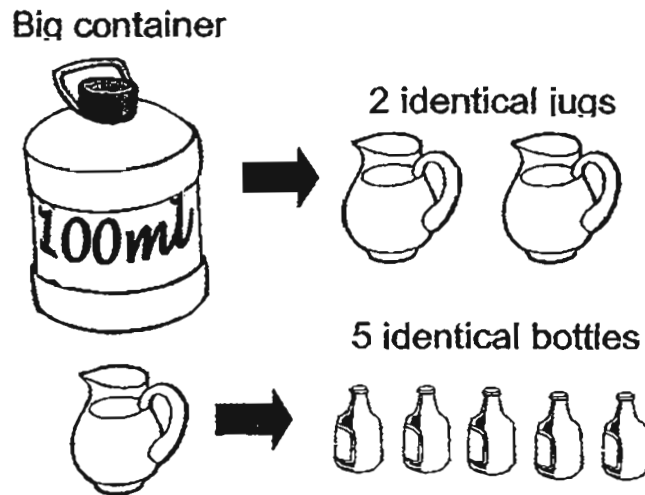
19. For every 4 correct answers, Anna gets 3 points.  
How many points does she get when she answers 24  
questions correctly?

- (1) 6
- (2) 8
- (3) 18
- (4) 31

( )



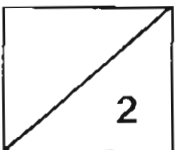
20. Study the diagrams carefully.



The capacity of a big container is 100 ml. The capacity of the big container is equal to the capacity of 2 jugs. The capacity of 1 jug is equal to the capacity of 5 bottles. What is the capacity of each of the bottle?

- (1) 10 ml
- (2) 20 ml
- (3) 30 ml
- (4) 40 ml

( )



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

21. In 916, the digit \_\_\_\_\_ is in the tens place.

Ans: \_\_\_\_\_

22. Tom has 7 marbles. David has thrice as many marbles as Tom. How many marbles does David have?

Ans: \_\_\_\_\_

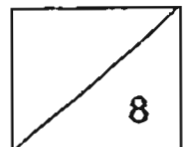
23. Arrange the following fractions in order.  
Start with the smallest fraction.

$$\frac{3}{6}, \frac{3}{9}, \frac{3}{11}$$

Ans: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
(smallest)

24. Jason bought 32 cookies. He put 4 cookies in each box. How many boxes of cookies did he have?

Ans: \_\_\_\_\_



25. Circle the **shortest** length.

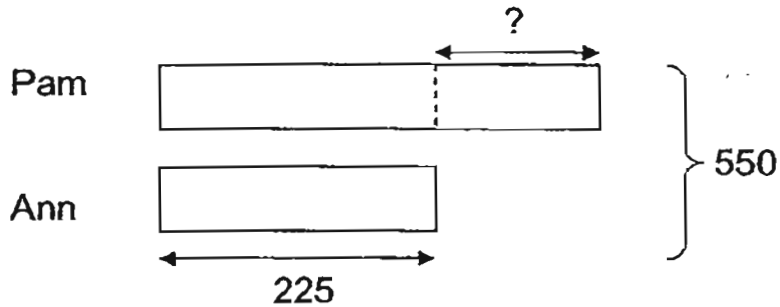
67 cm

17 m

1 m

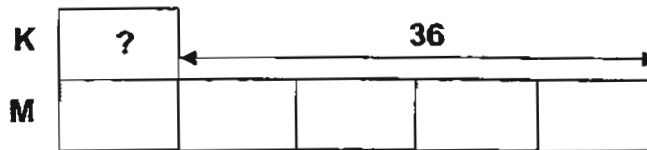
56 cm

26. Pam and Ann collected some dolls as shown in the model below. How many more dolls did Pam collect than Ann?

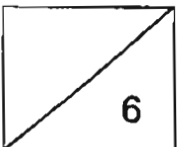


Ans: \_\_\_\_\_

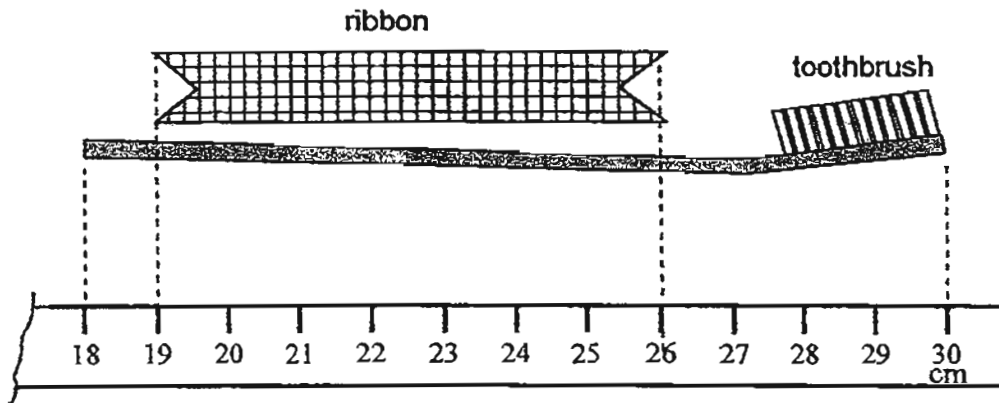
27. Max has five times as many erasers as Ken. If Max has 36 more erasers than Ken, how many erasers does Ken have?



Ans: \_\_\_\_\_



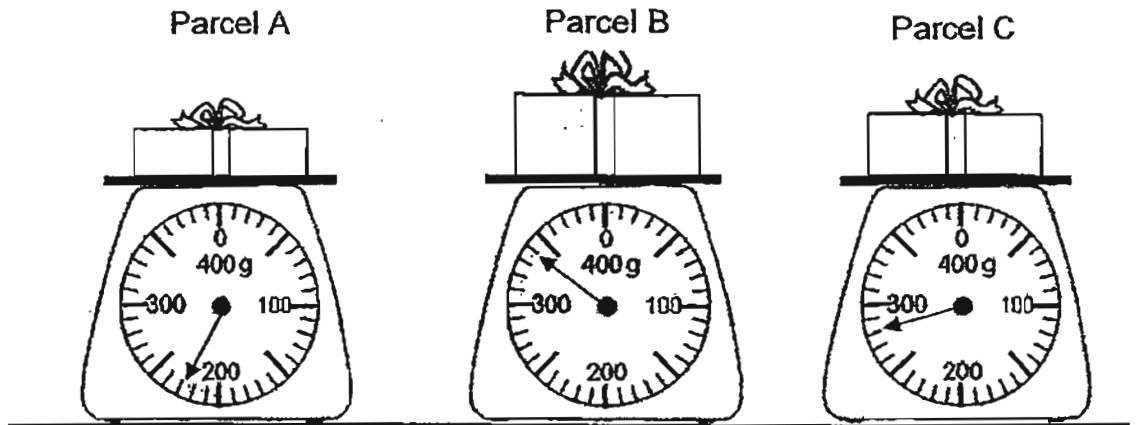
28.



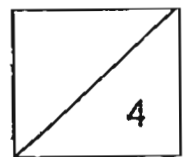
Find the difference in length between the ribbon and the toothbrush.

Ans: \_\_\_\_\_ cm

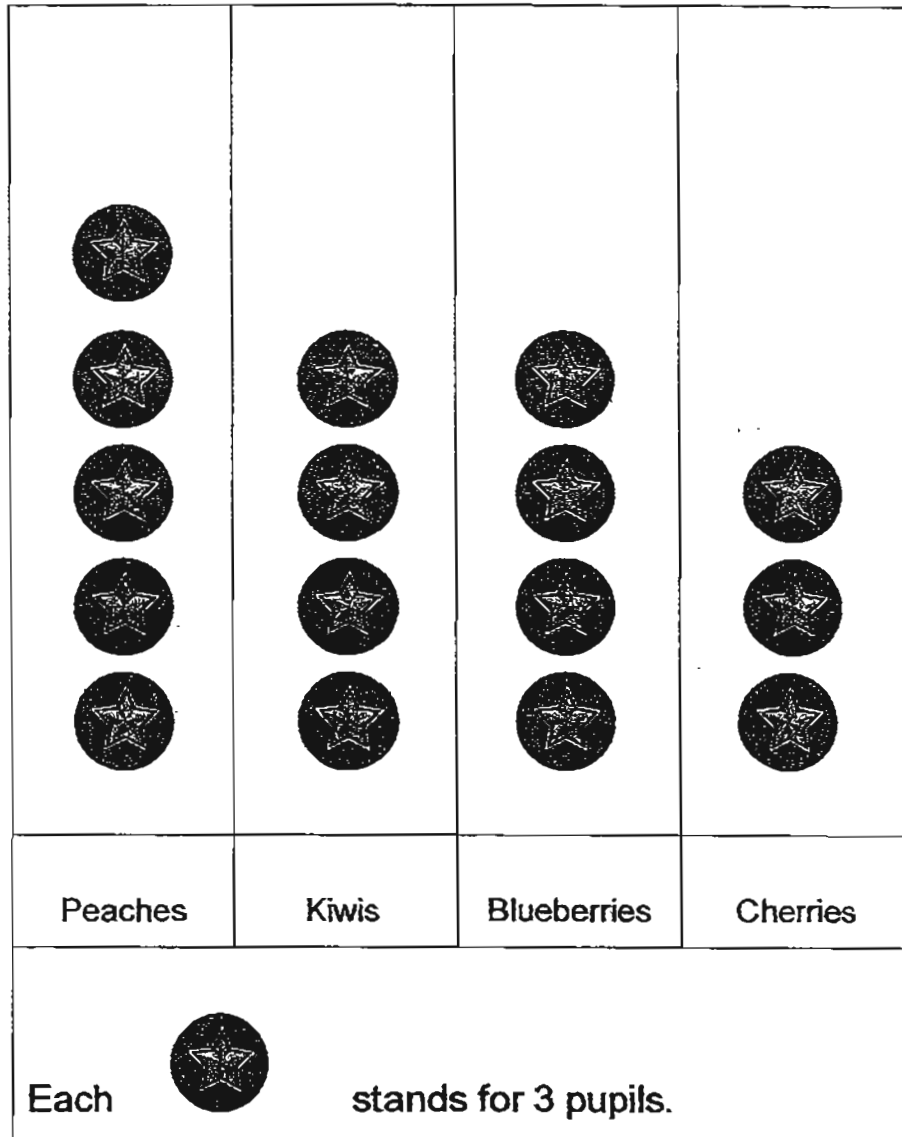
29. Find the total mass of the heaviest and lightest parcels.



Ans: \_\_\_\_\_ g

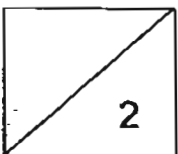


30. The picture graph shows the favourite fruits of some pupils.  
Study the graph and fill in the blank.



How many more pupils like peaches than cherries?

Ans: \_\_\_\_\_

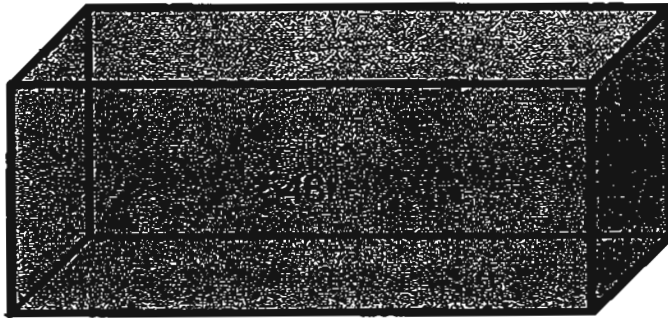


31. Ruth jogged around her school's running track for 1 h. She finished jogging at the time shown on the clock face below. What time did she start jogging?

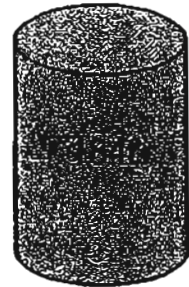


Ans: \_\_\_\_\_ a.m.

32. Look at the diagrams below.



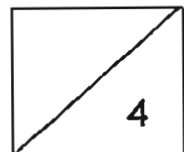
Tank



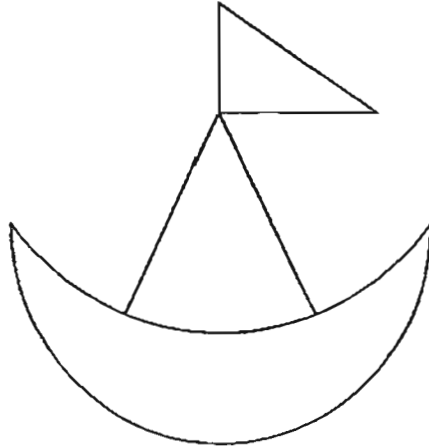
Barrel

How much water can the tank and the barrel hold altogether?

Ans: \_\_\_\_\_ ℓ



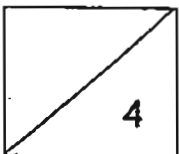
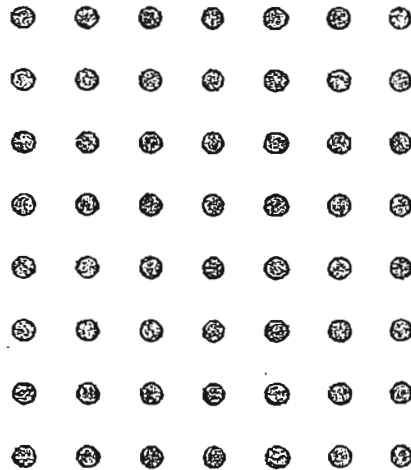
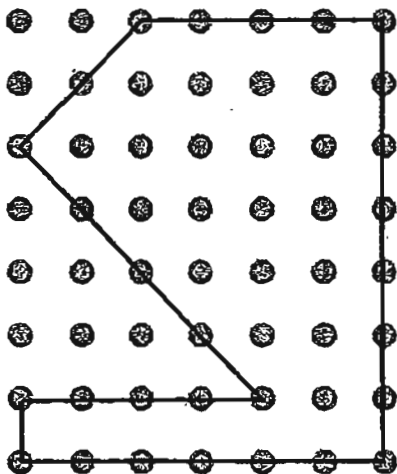
33. Look at the figure below.



The figure has \_\_\_\_\_ straight lines and \_\_\_\_\_ curves.

Ans: _____ straight lines
_____ curves




34. Copy the figure onto the square grid on the right.

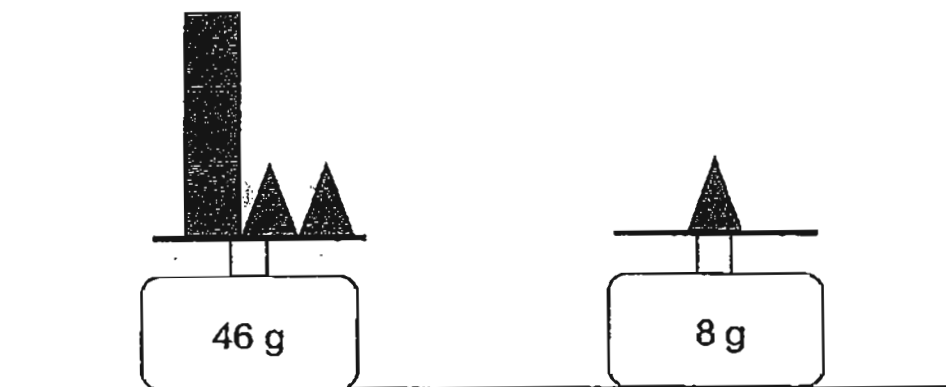




35. In a bus, there were 15 more girls than boys. After 9 boys got off the bus, there were 8 boys left in the bus. How many girls were in the bus?

Ans: \_\_\_\_\_

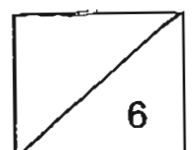
36. The following diagrams consist of 3 identical  and 3 identical . Find the mass of 1 .



Ans: \_\_\_\_\_ g

37. Mrs Lim cut a pizza into 9 equal slices. She ate 1 slice and gave Peter 3 slices. What fraction of the pizza was left?

Ans: \_\_\_\_\_



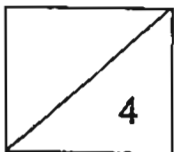
38. Mark spilled some sauce on his question in his book.  
Given that the values of A and B are different 1-digit numbers,  
find the value of A.

$$\begin{array}{r}
 2 \text{ A } 1 \\
 + 6 \ 7 \ \text{B} \\
 \hline
 9 \ 4 \ 0 \\
 \hline
 \end{array}$$

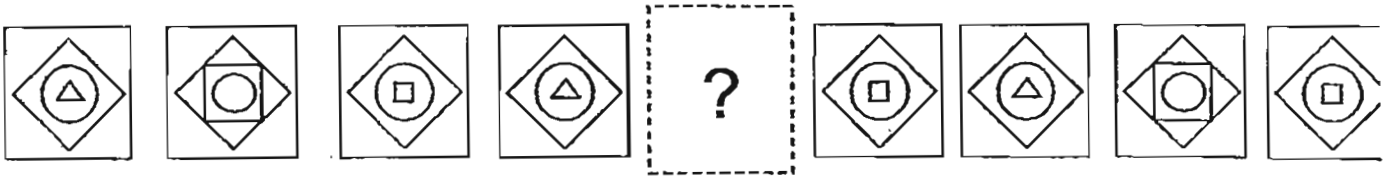
Ans: A : \_\_\_\_\_

39. Ewan is thinking of a 3-digit number.  
The digit in the hundreds place is 1 more than the digit in the ones place.  
The digit in the tens place is twice the digit in the hundreds place.  
The sum of the digits is 15.  
What is the number that Ewan is thinking of?

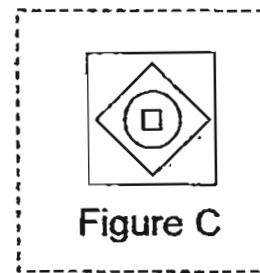
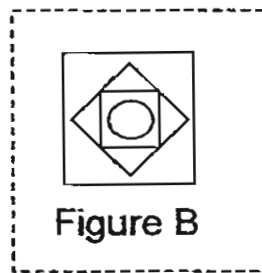
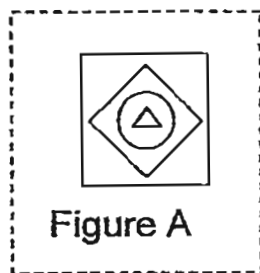
Ans: \_\_\_\_\_



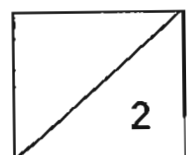
40. Look at the pattern below carefully.



Select the correct figure to complete the pattern above.



Ans: Figure \_\_\_\_\_

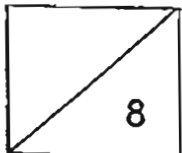


**Section C (5 x 4 marks)**  
**Solve the word problems.**

41. Miss Wang has 304 non-fiction books.  
She has 58 fewer non-fiction books than fiction books.  
How many books does Miss Wang have altogether?

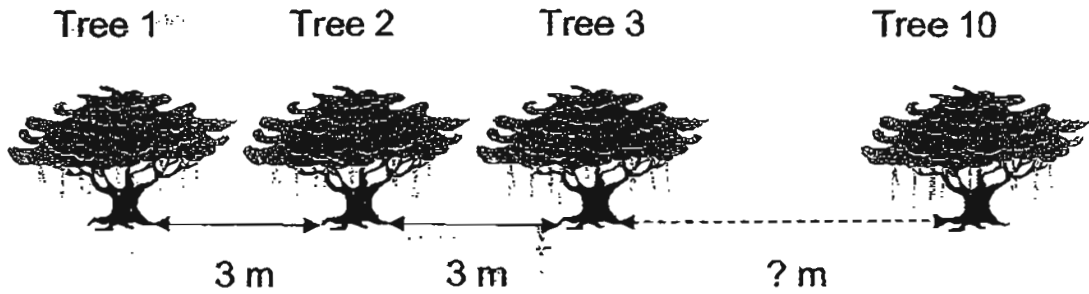
Miss Wang has \_\_\_\_\_ books altogether.

42. There are 4 clowns at a children's party.  
Each clown has 3 red balloons and 4 blue balloons.  
How many balloons do the 4 clowns have altogether?



The clowns have \_\_\_\_\_ balloons.

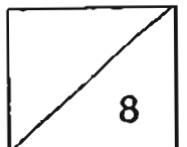
43. The distance between 2 trees is 3 m. If all the trees are planted at equal distance, how far will the 3<sup>rd</sup> tree be from the 10<sup>th</sup> tree?



The 3<sup>rd</sup> tree will be \_\_\_\_\_ m from the 10<sup>th</sup> tree.

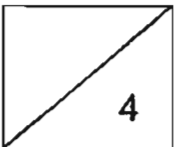
44. Mr. Lim used 150 cm of string to tie Parcel A.  
He used twice the length of the string to tie Parcel B.  
He used another string that is 12 cm shorter than that for Parcel B to tie Parcel C.  
What is the total length of string that Mr. Lim used altogether?

Mr. Lim used \_\_\_\_\_ cm of string altogether.



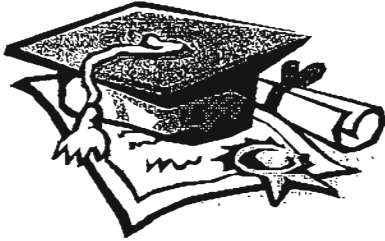
45. Mrs. Lee bought 2 boxes of doughnuts. There are equal number of doughnuts in each box. Box A has 4 chocolate doughnuts and 5 peach doughnuts. Box B has 1 more peach doughnut than Box A. What fraction of the doughnuts in Box B are chocolate doughnuts?

\_\_\_\_\_ of the doughnuts in Box B are chocolate doughnuts.



☺ END OF PAPER ☺

PLEASE CHECK YOUR WORK CAREFULLY!

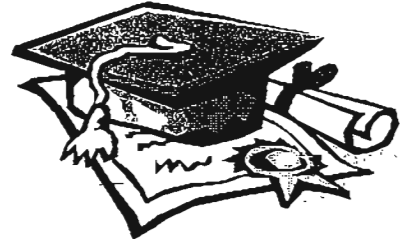


# ANSWER SHEET

**EXAM PAPER 2011**

**SCHOOL : CATHOLIC HIGH**  
**SUBJECT : PRIMARY 2 MATHEMATICS**

**TERM : SA2**



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

Q18	Q19	Q20
3	3	1

21)1

22)21

23)3/11, 3/9, 3/6

24)8

25)56cm

26)100

27)9

28)5cm

29)570g

30)6

31)8.30a.m.

32)732L

33)5 straight lines 2 curves

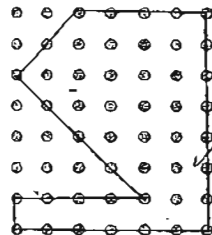
34)

35)32

36)10g

37)5/9

38)A : 6



39)483

40)B

41)304 + 58 = 362

304 + 362 = 666

Miss Wang has 666 books altogether.

42)3 + 4 = 7

7 x 4 = 28

The clowns have 28 balloons.

43)10 - 3 = 7

7 x 3 = 21

The 3<sup>rd</sup> tree will be 21m from the 10<sup>th</sup> tree.

44)150 x 2 = 300

300 - 12 = 288

150 + 288 + 150 = 588

Mr. Lim used 588 cm of string altogether.

45)5 + 4 = 9

9/9 - 6/9 = 3/9

3/9 of the doughnuts in Box B are chocolate.