



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

Name : _____ ()

Class: Primary 2 _____

Date: 27 October 2011

Duration: 1 h 15 min

Section A	40
Section B	40
Section C	20
Total	100

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) $600 + 10 + 30$

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2. Sam and Ben saved \$250. Ben saved \$105. How much did Sam save?

(1) \$55

(2) \$145

(3) \$210

(4) \$355

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3. The product of 9 and 3 is _____.

(1) 6

(2) 12

(3) 3

(4) 27

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4. Ali, Bala and Carl shared 24 marbles equally. How many marbles did Bala get?

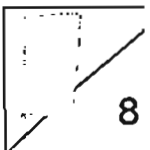
(1) 6

(2) 8

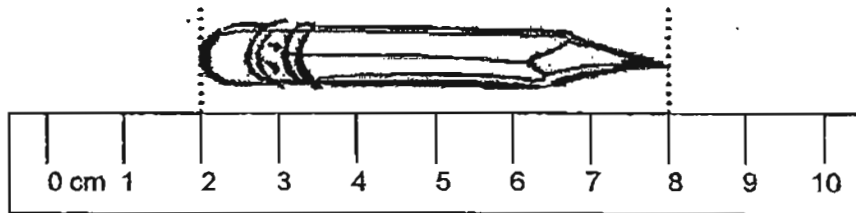
(3) 3

(4) 21

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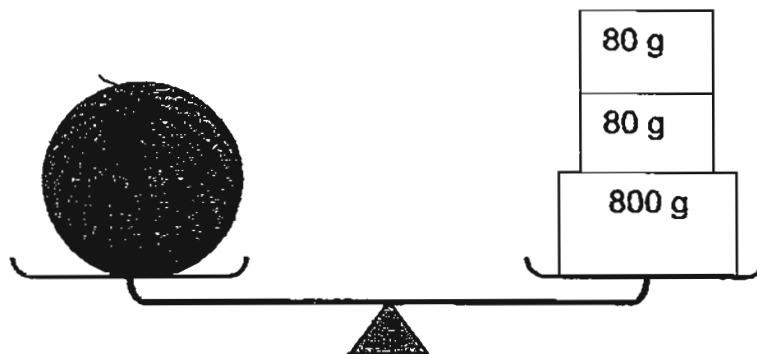
5. Look at the pencil below.
The length of the pencil is about _____.



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

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6. Find the mass of the watermelon.



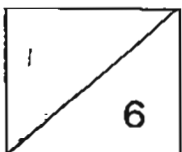
- (1) 640 g
- (2) 860 g
- (3) 888 g
- (4) 960 g

()

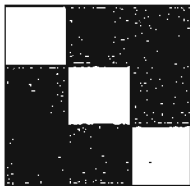
7. 325¢ can be written as _____.

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

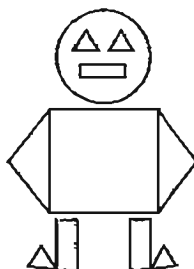
(2) $\frac{3}{6}$

(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?



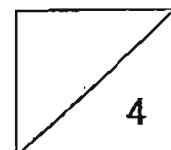
(1) 6

(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 ()

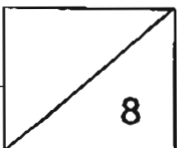
12. $18 \div 2 =$ _____ $\times 3$.

- (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

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

chocolate



\$2.90

cornflakes



\$3.30

potato chips



85¢

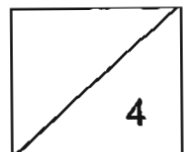
lollipop



75¢

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

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16.

Figure A



Figure B

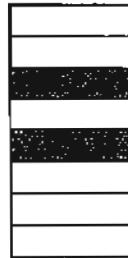
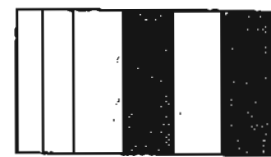


Figure C



Figure D

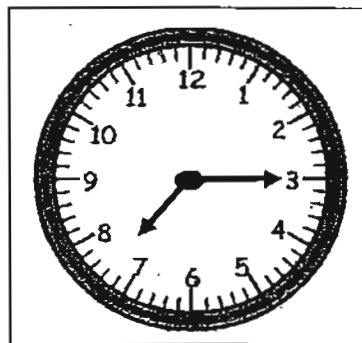


Which of the above figure shows $\frac{2}{6}$ of its shape shaded?

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

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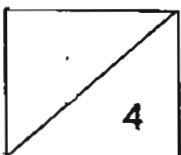
17. The clock shown below is 2 hours fast.



The actual time is _____ p.m.

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

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

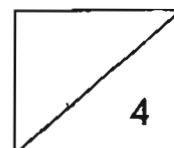
- (1) 7ℓ
- (2) 8 ℓ
- (3) 12 ℓ
- (4) 24 ℓ

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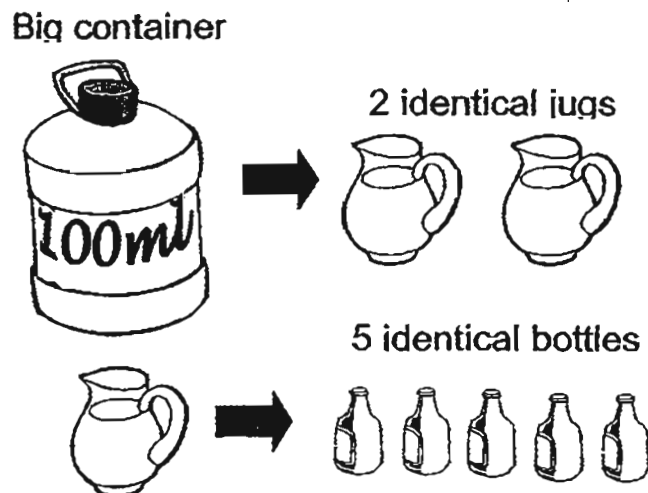
19. For every 4 correct answers, Anna gets 3 points.
How many points does she get when she answers 24 questions correctly?

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

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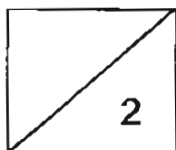
20. Study the diagrams carefully.



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

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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: _____

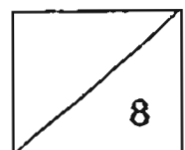
23. Arrange the following fractions in order.
Start with the smallest fraction.

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

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.

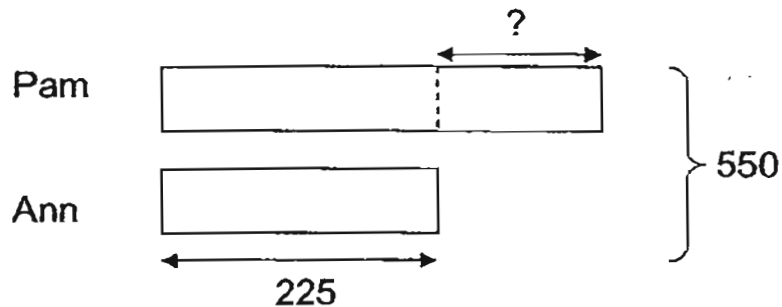
67 cm

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?

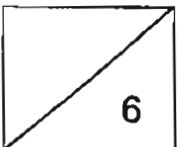


Ans: _____

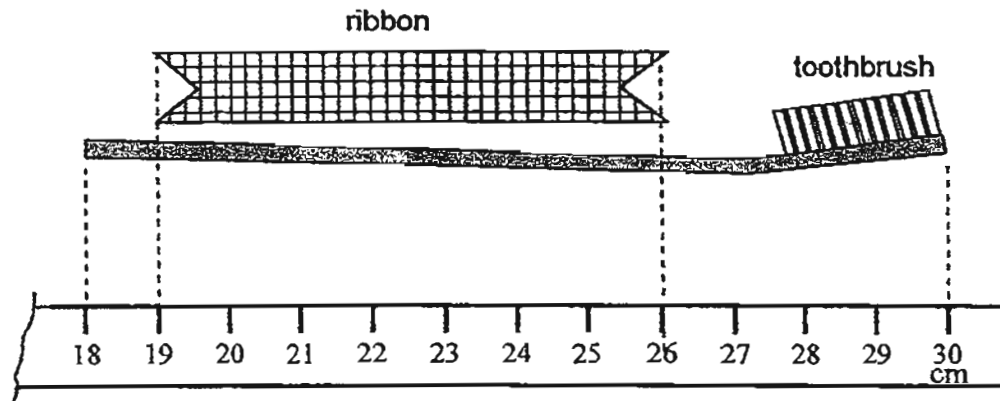
27. Max has five times as many erasers as Ken. If Max has 36 more erasers than Ken, how many erasers does Ken have?



Ans: _____



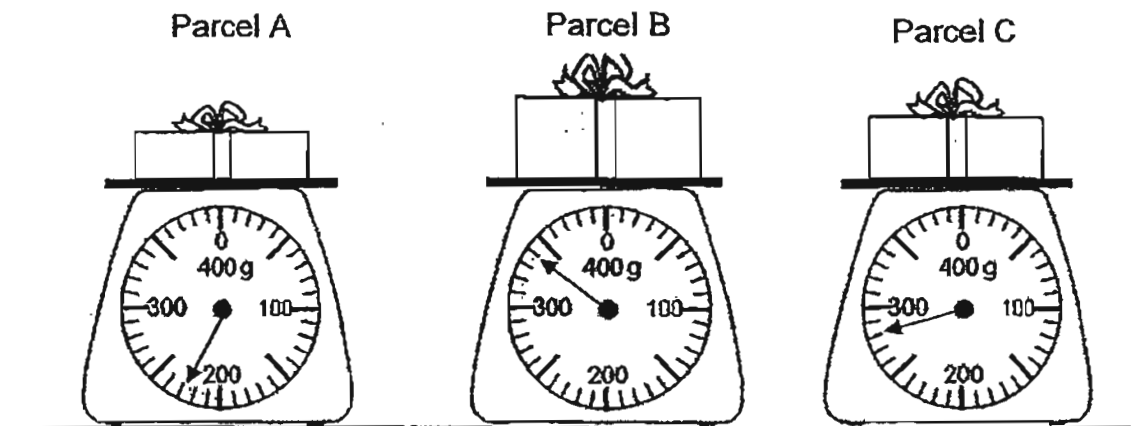
28.



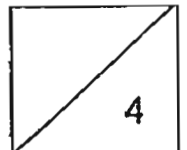
Find the difference in length between the ribbon and the toothbrush.

Ans: _____ cm

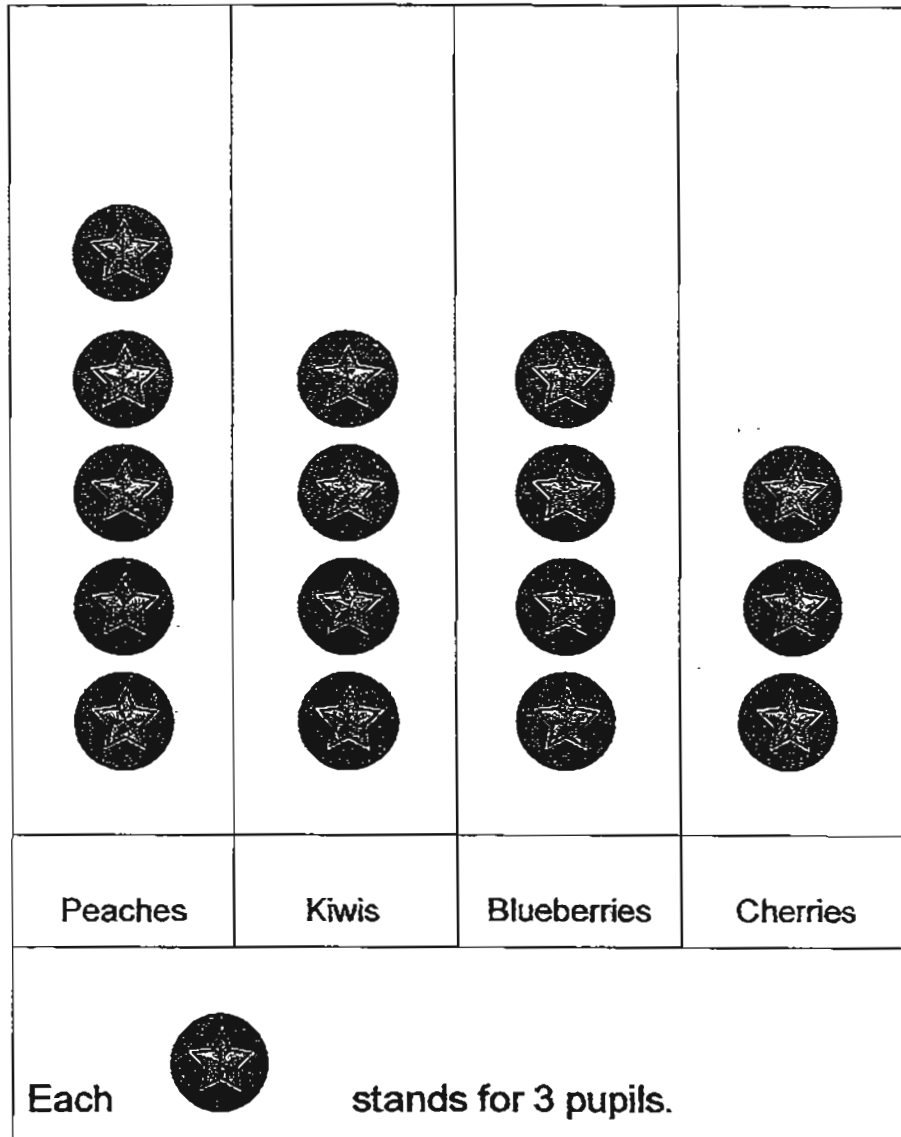
29. Find the total mass of the heaviest and lightest parcels.



Ans: _____ g

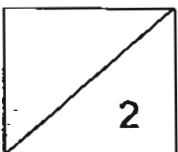


30. The picture graph shows the favourite fruits of some pupils.
Study the graph and fill in the blank.



How many more pupils like peaches than cherries?

Ans: _____

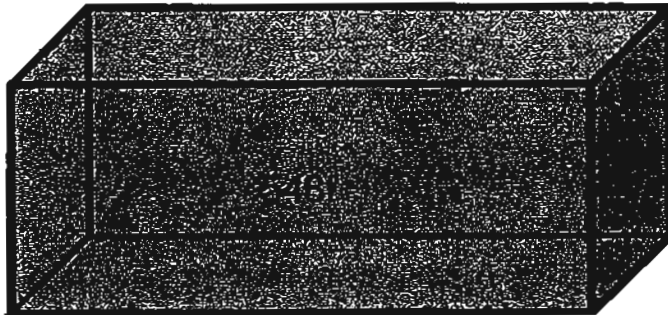


31. Ruth jogged around her school's running track for 1 h. She finished jogging at the time shown on the clock face below. What time did she start jogging?

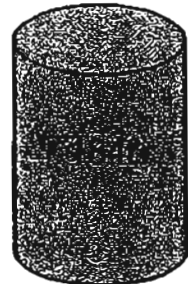


Ans: _____ a.m.

32. Look at the diagrams below.



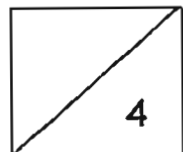
Tank



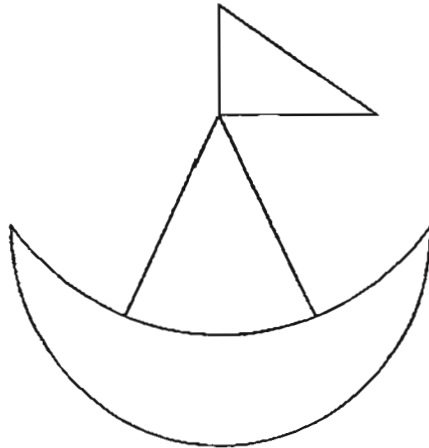
Barrel

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

Ans: _____ l



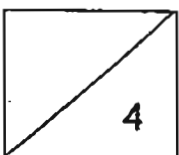
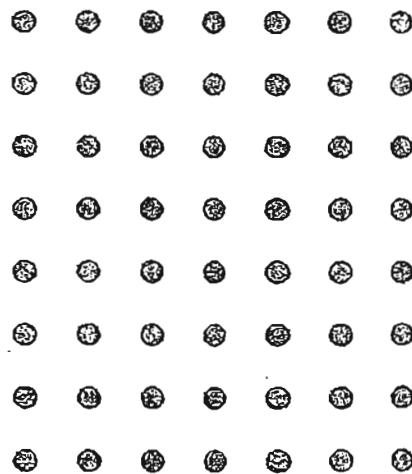
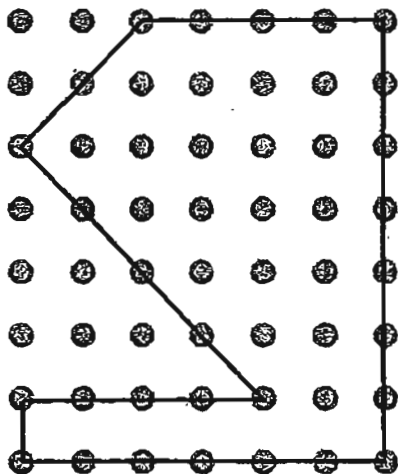
33. Look at the figure below.



The figure has _____ straight lines and _____ curves.




Ans: _____ straight lines
 _____ curves

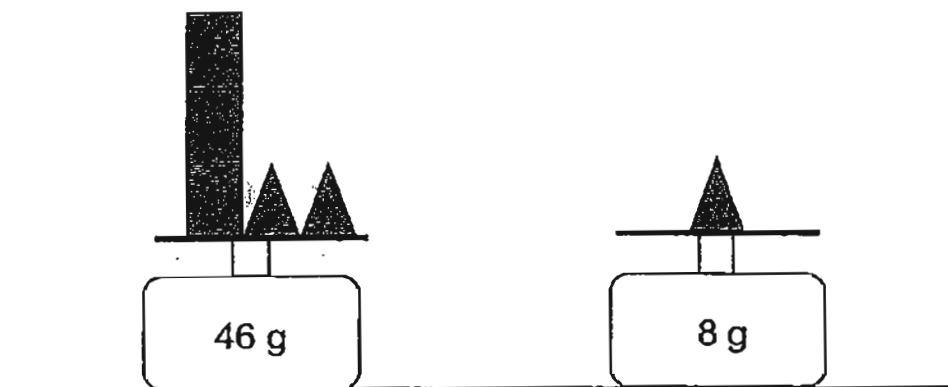
34. Copy the figure onto the square grid on the right.



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: _____

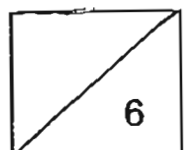
36. The following diagrams consist of 3 identical  and 3 identical . Find the mass of 1 .



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: _____



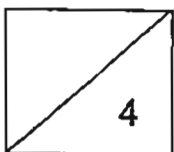
38. Mark spilled some sauce on his question in his book.
Given that the values of A and B are different 1-digit numbers,
find the value of A.

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

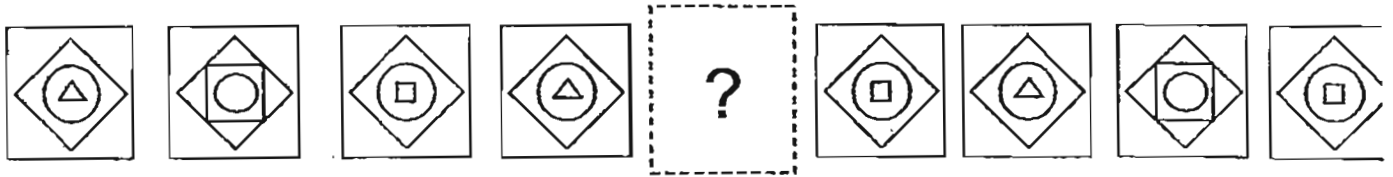
Ans: A : _____

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?

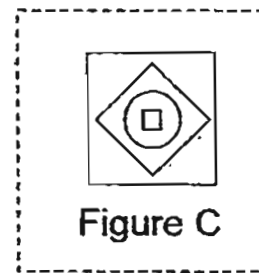
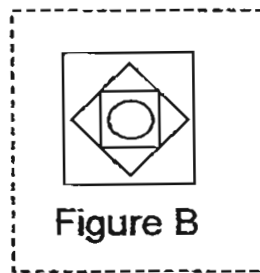
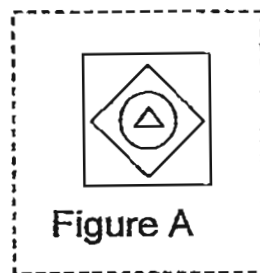
Ans: _____



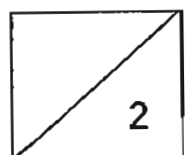
40. Look at the pattern below carefully.



Select the correct figure to complete the pattern above.



Ans: Figure _____

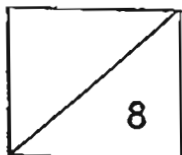


Section C (5 x 4 marks)
Solve the word problems.

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?

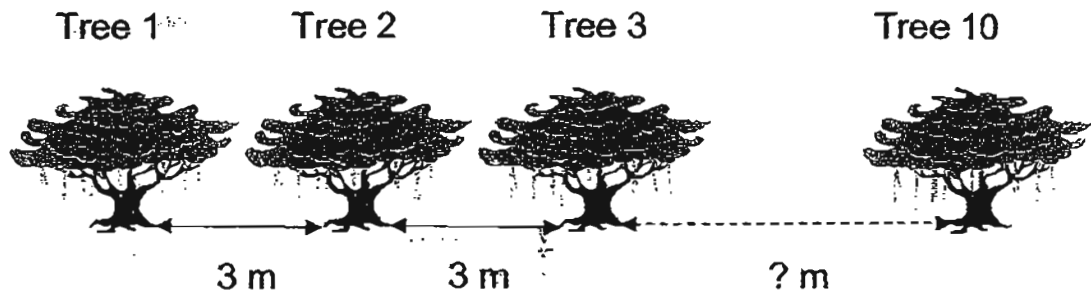
Miss Wang has _____ books altogether.

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.

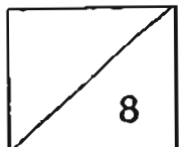
43. The distance between 2 trees is 3 m. If all the trees are planted at equal distance, how far will the 3rd tree be from the 10th tree?



The 3rd tree will be _____ m from the 10th 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.



Answer Ke

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 3rd tree will be 21m from the 10th tree.

44)150 x 2 = 300

300 - 12 = 288

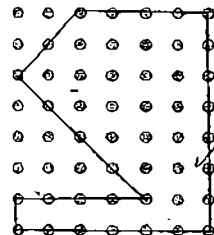
150 + 288 + 150 = 588

Mr. Lim used 588 cm of string altogether.

45)5 + 4 = 9

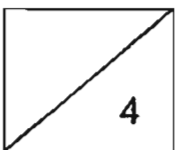
9/9 - 6/9 = 3/9

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



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!