Name : _____( )

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL

Primary 4

Second Semestral Examination 2008

Mathematics

29th September 2008

Booklet A

Duration of Paper : 1 h 45 min

Do not open the booklet until you are told to do so.
Follow all instructions carefully

SECTION A: (15 X 2 marks)
For each question, four options are given. One of the options is the correct answer. Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet. Please use only 2B pencil and SHADE the oval completely.

1. 60 thousands, 8 hundreds and 6 ones is the same as _____.

(1) 60 068 (2) 60 086

(3) 60 806 (4) 60 860

2. Which one of the following numbers become 91 800 when rounded off to the nearest ten?

(1) 91 774 (2) 91 796

(3) 91 808 (4) 91 884

3. How many one-fifths are there altogether in 3 wholes?

(1) $1\frac{3}{5}$ (2) $1\frac{2}{3}$

(3) 5 (4) 15

4. Which one of the following figures contains both parallel and perpendicular lines?

(1)

(2)

(3)

(4)

5. Write $13\frac{8}{25}$ as a decimal.

(1) 13.032 (2) 13.32

(3) 13.80 (4) 13.825

6. What is 105.96 when it is rounded off to 1 decimal place?

(1) 105.0 (2) 105.9

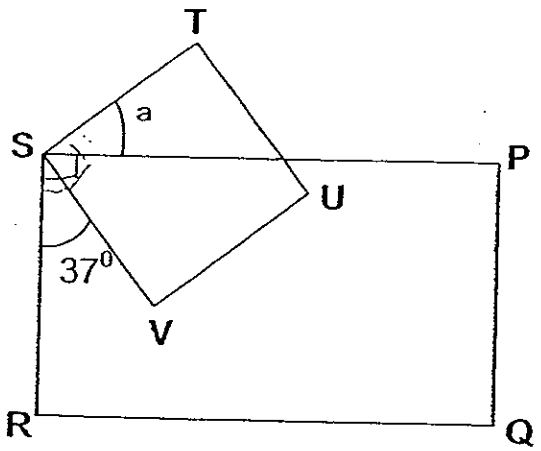
(3) 106.0 (4) 106.9

7. The minute hand of a clock moved from 7.40 p.m. to 8.10 p.m. How many degrees did the minute hand move through?

(1) 45^0 (2) 90^0

(3) 180^0 (4) 270^0

8. PQRS is a rectangle and STUV is a square. Find $\angle a$.



(1) 37^0 (2) 45^0

(3) 53^0 (4) 127^0

9. Mr. Choo sold some bags of fruits. There were 5 mangosteens and 3 peaches in each bag. How many mangosteens did Mr. Choo sell given that he sold a total of 120 fruits?

(1) 600
(2) 360
(3) 75
(4) 45

10. Pollyanna cut a pie into 12 equal slices. She ate 2 slices and gave her sister $\frac{2}{5}$ of the remaining pie. How many slices of the pie did her sister receive?

(1) 4
(2) 6
(3) 8
(4) 10

11. A number is 800 when rounded off to the nearest hundred. Another number is 400 when rounded off to the nearest hundred. Find the smallest possible sum of the two numbers.

(1) 880
(2) 1100
(3) 1280
(4) 1310

12. $73.24 = 70 + 3 + \frac{1}{5} + \square$

(1) $\frac{1}{25}$
(2) $\frac{2}{5}$
(3) $\frac{11}{50}$
(4) $\frac{19}{100}$

13. A shop sells a can of soft drink for $0.85 or a pack of 3 cans for $1.85. What is the least amount of money Kimi needs to pay if she wants to buy only 20 cans?

(1) $11.10

(3) $17.00

14. Mr. Picamo began painting a picture at 9.05 a.m. He took 6 h 35 min to complete the picture. At what time did he finish painting?

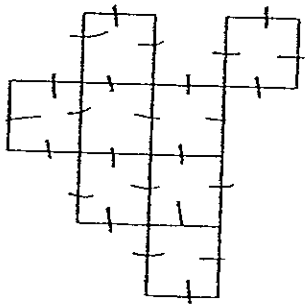
(1) 1.35 p.m.

(2) 2.40 p.m.

(3) 3.05 p.m.

(4) 3.40 p.m.

15. The figure below is made up of identical squares. The area of the figure is 200 cm^2. Find the perimeter of the figure.



(1) 40 cm

(2) 90 cm

(3) 200 cm

(4) 625 cm

END OF BOOKLET A

Name : _____ ( )

Class : Primary 4 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL

Primary 4

Second Semestral Examination 2008

Mathematics

29th September 2008

Booklet B

Section A :	/ 30
Section B :	/ 38
Section C :	/ 32
Total Marks:	/100

Duration of Paper : 1 h 45 min

Do not open the booklet until you are told to do so.
Follow all instructions carefully.

Section B: (19 x 2 marks)
Write the answers in the blanks provided. Show your working clearly.
Leave your answer in the units stated.

Do not write in this space

16. Complete the number pattern below.

8750, 8615, 8480, ___A___, ___B___, 8075

Ans : **A** → _____

B → _____

17. Round off 73 827 to the nearest hundred.

Ans : _____

18. Elisa packed 774 mangoes equally into 3 boxes. She then shared a box of mangoes equally with her mother and her brother. How many mangoes did each of them get?

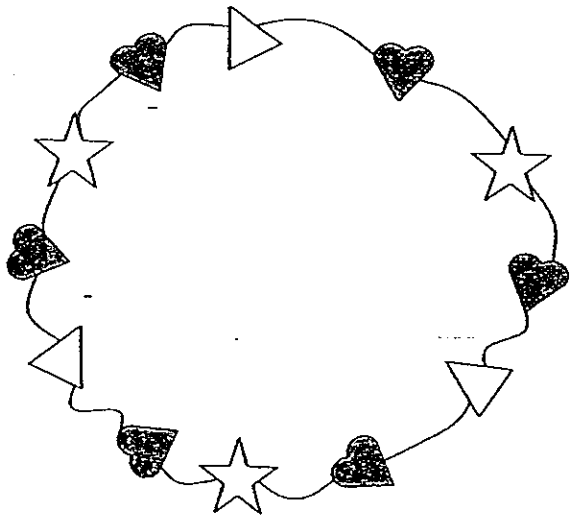
Ans : _____

19. Find the value of $1 - \frac{4}{7} - \frac{1}{6}$

Do not write in this spac

Ans : _____

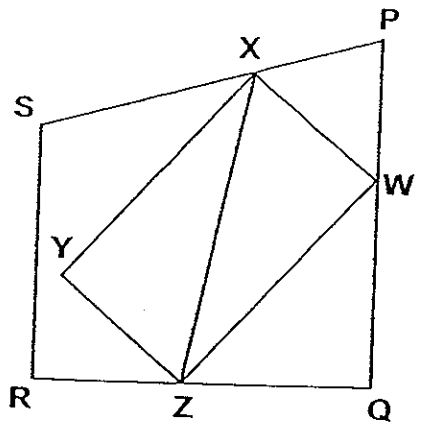
20.



What fraction of the shapes on the bracelet are heart shapes? Express your answer in the simplest form.

Ans : _____

21. In the figure below, PQ is perpendicular to (a) _____ and parallel to (b) _____.

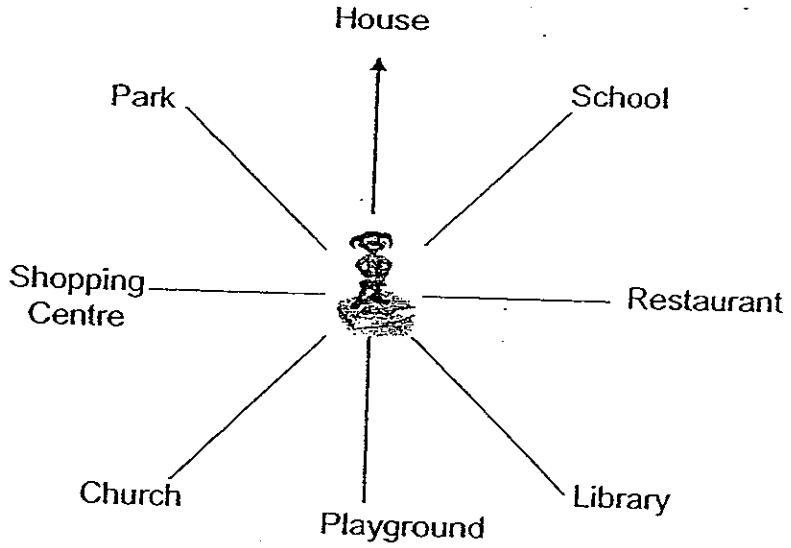


Ans : (a) _____

(b) _____

Do not write in this spac

22.



Lala is facing the library. She turns 315^0 clockwise. Where will she be facing?

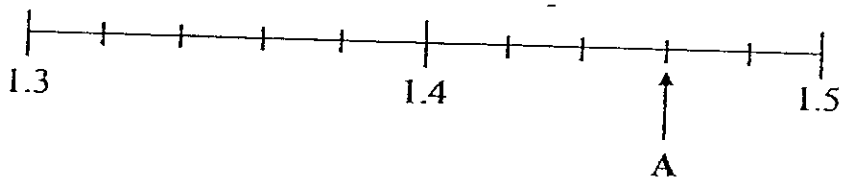
Ans : _____

23. Arrange the following numbers in descending order.

0.045, 0.54, 0.455, 0.545

Ans : _____, _____, _____, _____

24. Write the decimal represented by A.



Ans : _____

25. Royston's age this year is between 30 and 60 years old. His age is a multiple of 6. Next year, his age will be a multiple of 7. How old is he now?

Ans : _____ years old

Do not write in this spa

The graph below shows the marks obtained by a group of pupils in an examination. Study the graph carefully and answer Questions 26 and 27.

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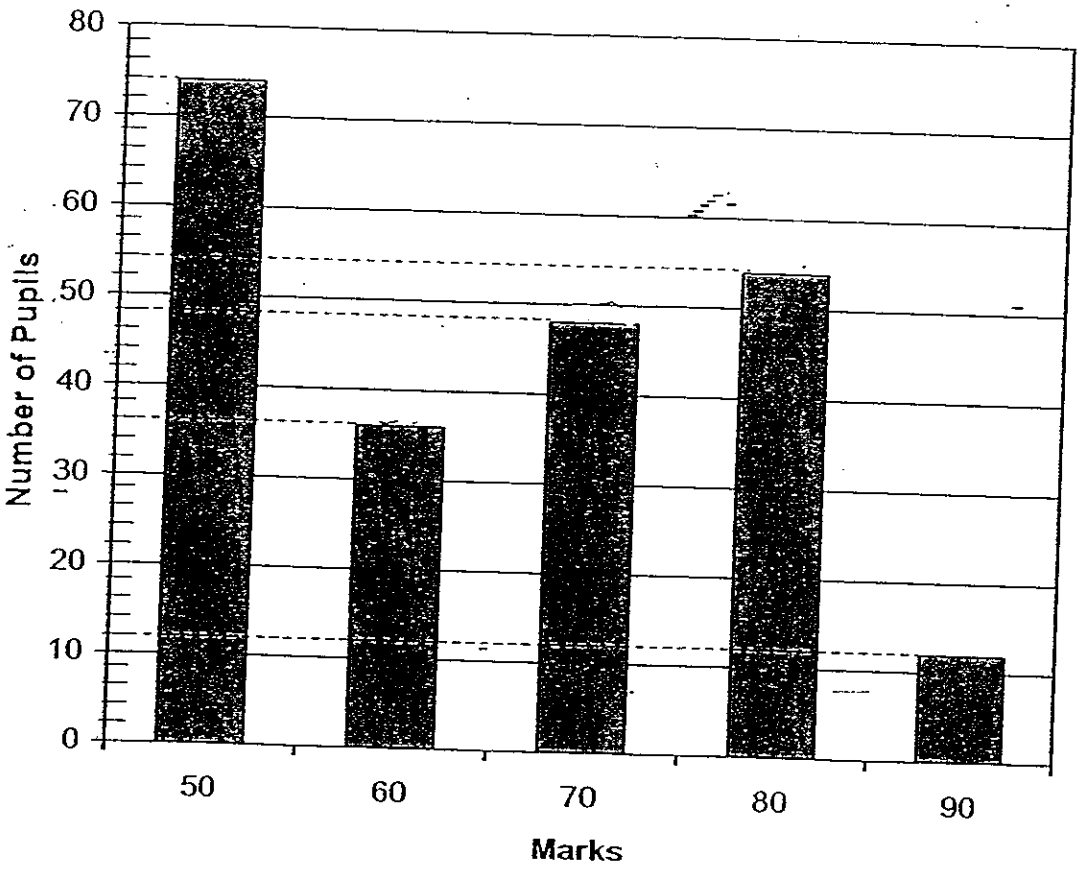


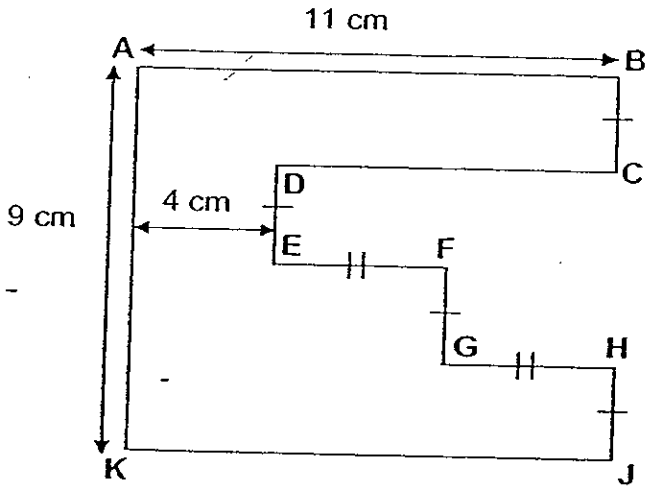
26. There were 53 other pupils who scored the same mark as Colin. What was Colin's mark?

Ans : _____

27. If the passing mark for the examination was 60, how many pupils passed the examination?

Ans : _____

28. Study the figure below. Find the length of EF and DE.
(All the lines meet at right angles.)



Ans : DE _____ cm

EF _____ cm

29. What is the sum of $\frac{3}{4}$ and 0.5?

Ans : _____

Do not write in this spac

30. Gigi spent 0.3 of her money on food and half of that amount on some CDs. Then she spent the rest of her money on 2 sets of bedsheets. If each set of bedsheets cost $60.50, how much did Gigi spend on the CDs?

Do not write in this space

Ans : $_____

31. Jansen gets $22.50 a day as pocket money. He spends $19.50 a day and saves the rest. If he wishes to buy a toy train that cost $24.80 and a jigsaw puzzle that costs $27.40, for at least how many days does he need to save in order to buy both the items?

Ans : _____days

32. Marcus boarded a plane and arrived at his destination on 13 July at 03 30. His flight was $6\frac{3}{4}$ hours long.

(a) What was the date that his flight took off?

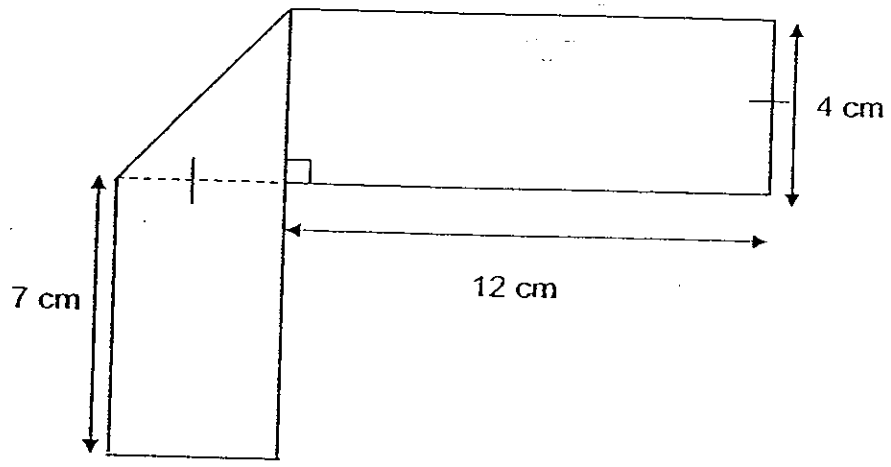
(b) What time was his flight?

Do not write in this spac

Ans : (a) _____

(b) _____

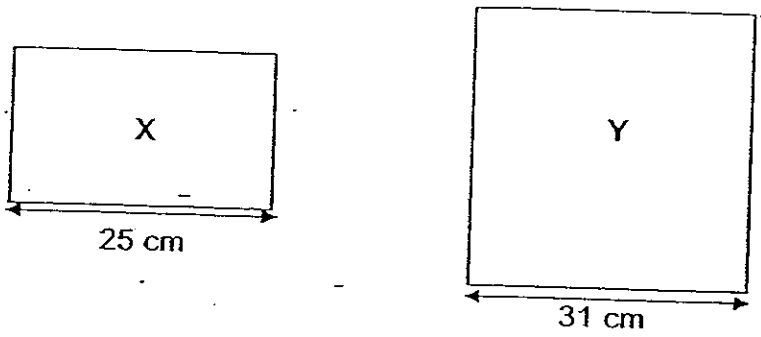
33. A rectangular piece of paper is folded as shown below. Find the area of the original piece of paper.



Ans : _____ cm^2

34. Coco cut a wire into two pieces. She bent them to form Rectangle X and Square Y as shown below. The perimeter of Square Y is equal to the perimeter of the Rectangle X. Find the area of Rectangle X.

Do not write in this space



Ans : _____ cm^2

SECTION C: (8 x 4 marks)
Solve the following problems. **All mathematical working and statements must be shown clearly.**

Do not write in this spac

35. After Dilly bought 27 boxes of chocolate chip cookies at $8 each, she had $9 left.

(a) How much money did she have at first?

(b) During a sale, each box of chocolate chip cookies cost $2 less. How many more boxes could Dily buy with the original amount of money?

Ans : (a) _____

(b) _____

36. Mrs Quek sold 166 chicken eggs on Friday. This was 78 more than the duck eggs sold on the same day. On Saturday, she sold half of all the eggs sold on Friday. How many eggs did she sell in the two days?

Do not write in this space

Ans : _____

37. Ally purchased an equal number of cups and plates with $264. Each cup cost $3 less than a plate and each plate cost $7. How much more did she spend on the plates than on the cups?

Do not write in this space

Ans : _____

38. There are 240 flowers in a garden. $\frac{1}{5}$ of the flowers are daisies and $\frac{3}{8}$ of the flowers are tulips. The rest are sunflowers. If $\frac{1}{3}$ of the daisies and $\frac{5}{6}$ of the tulips are removed, how many flowers will be left in the garden?

Do not write in this spa

Ans : _____

39. $\frac{2}{5}$ of the coloured paper in a packet are yellow. 0.5 of them are purple. The remaining ones are blue. If there are 60 fewer blue-coloured paper than purple ones, how many coloured paper does the packet contain altogether?

Do not write in this space

Ans : _____

40. The usual price of a box of crayons is $5.35 and $1.70 for a drawing block. Desiree paid a total of $16.99 for 2 boxes of crayons and 5 drawing blocks. How much money did she save?

Do not write in this spac

Ans : _____

The following page was taken from Heather's notebook. Study the table and answer question 41.

Do not write in this space

Time	Activity
13 35	Lunch
14 20	Violin practice
16 20	Swimming
18 30	Dinner
19 05	Do homework

41. a) From the time Heather takes her lunch to the time she starts doing her homework, what was the total duration?

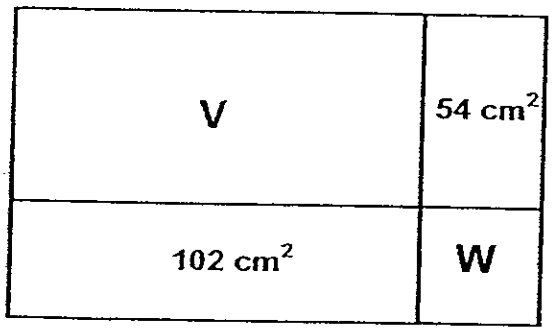
b) If she completed her homework at 21 00, how long did she take to do her homework?

Ans : (a) _____

(b) _____

42. The figure below is made up of 3 rectangles and a square, **W**. The length of each side of **W** is a whole number. Given that the perimeter of Rectangle **V** is 52 cm, find the difference between the area of Rectangle **V** and Square **W**.

Do not write in this space



Ans : _____ cm^2

** END OF BOOKLET B**

ANSWER SHEET

EXAM PAPER 2008

SCHOOL : CHIJ PRIMARY SCHOOL
SUBJECT : PRIMARY 4 MATHEMATICS

TERM : SA 2

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

16)A→8345
B→8210

17)73800

18)86 mangoes

19)$\frac{11}{42}$

20) $\frac{1}{2}$

21)a)PQ⊥QR
b)PQ//SR

22)Restaurant

23)0.545, 0.54, 0.455, 0.045

24)1.46

25)48

26)80

27)150 pupils

28)DE=2.25cm
EF=3.5cm

29)1.25

30)1 unit→$121
1 unit→$11
3 units→$11x3=$33

31)$22.50-$19.50=$3
$27.80+$24.50=$52.20
$52.20÷3=$17.40
≈18 days

32)a)12 July b)8.45pm

33)92cm_2

34)925cm_2

35)a)$8x27=$216
$216+$9=$225
She had $225 at first.
b)$225÷$6=37 boxes R3
37-27=10 boxes

36)No of eggs→166-78=88
166+88=254
254÷2=127
127+254=381
She sold a total of 381 eggs.

37)$168-$96=$72
She spent $72 more money on plates than cups.

38)1/5x240=48
1/3x48=16
3/8x240=90
5/6x90=75
16+74=91
240-91=149

39)1 unit→60÷4=15
15x10=150

40)$5.35x2=$10.70
$1.70x5=$8.50
$10.70+$8.50=19.20
$19.20-$16.99=$2.21
She saved $2.21

41)a)5h 30 min
b)1h 55 min

42)117cm_2