

Name : _____ ()

Class : Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL



PRIMARY 5

FIRST CONTINUAL ASSESSMENT - 2008

MATHEMATICS

Paper 1

Booklet A & Booklet B

25 February 2008

Duration of Paper : 50 minutes

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

The use of calculator is not allowed.

Booklet A : Multiple Choice Questions (20 marks)

Questions 1 to 10 carry 1 mark each. Questions 11 to 15 carry 2 marks each.

For each question, four options are given. One of these is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval on the optical answer sheet.

1. — Complete the number pattern

_____, 900 000, 800 000, 700 000

- (1) 1 000
- (2) 10 000
- (3) 100 000
- (4) 1 000 000

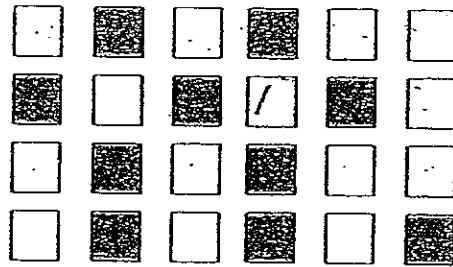
2. Subtract $\frac{4}{5}$ from $3\frac{7}{10}$.

- (1) $2\frac{1}{10}$
- (2) $2\frac{9}{10}$
- (3) $3\frac{1}{10}$
- (4) $3\frac{3}{10}$

3. How many quarters are there in $2\frac{1}{2}$?

- (1) 2
- (2) 5
- (3) 10
- (4) 20

4. How many more squares must be shaded so that $\frac{3}{4}$ of the set is shaded?



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

5. Find the value of $24 + 48 \div 6 - 3$.

- (1) 9
(2) 24
(3) 29
(4) 40

6. Which one of the following is the correct numeral for the statement below?

Seven hundred and seven thousand, seven hundred and seventy

- (1) 707 707
(2) 707 770
(3) 770 707
(4) 770 770

7. How many lines of symmetry does this letter have?



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

8. Round off the product of 114 and 18 to the nearest hundred.

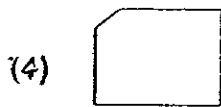
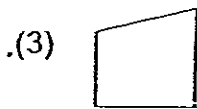
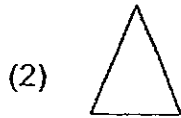
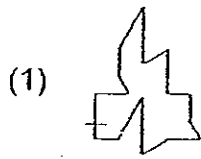
- (1) 2 000
- (2) 2 040
- (3) 2 050
- (4) 2 100

9. Which one of the following is the best estimate for 351×86 ?

- (1) 300×70
- (2) 300×90
- (3) 350×70
- (4) 350×90

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10. Which one of the following cannot be tessellated?



11. Meili weighs 27 kg. She is $\frac{3}{5}$ as heavy as John. How heavy is John?

- (1) 15 kg
- (2) 45 kg
- (3) 54 kg
- (4) 81 kg

12. The difference between 2 numbers is 53. Find the bigger number if their sum is 191.

- (1) 138
- (2) 122
- (3) 96
- (4) 69

13. Hassan bought $3\frac{1}{2}$ kg of sugar. After using $1\frac{5}{8}$ kg to bake some cakes, he bought an additional $1\frac{1}{4}$ kg of sugar. How much sugar did he have finally?

(1) $3\frac{7}{8}$ kg

(2) $3\frac{1}{8}$ kg

(3) $2\frac{1}{4}$ kg

(4) $1\frac{7}{8}$ kg

14. Jenny has 6 times as many hairclips as Doris. Rachel has twice as many hairclips as Jenny. If Rachel has 154 more hairclips than Doris, how many hairclips does Jenny have?

(1) 84

(2) 77

(3) 70

(4) 14

15. Study the pattern below carefully. How many sticks are needed to form the 20th pattern?



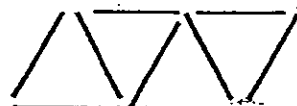
Pattern 1



Pattern 2



Pattern 3



Pattern 4

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Pattern 20

(1) 51

(2) 41

(3) 31

(4) 21

Booklet B: Short Answers (20 marks)

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Questions 16 to 25 carry 1 mark each. Questions 26 to 30 carry 2 marks each.

Write your answers in the answer blanks provided.
Give your answers in the units stated.

16. Write 9 040 012 in words.

Ans: _____

17. 230 radios cost \$4 600. Find the cost of 1 radio.

Ans: \$ _____

18. What is the value of $42 \div (4 + 2) \times 12 - 10$?

Ans: _____

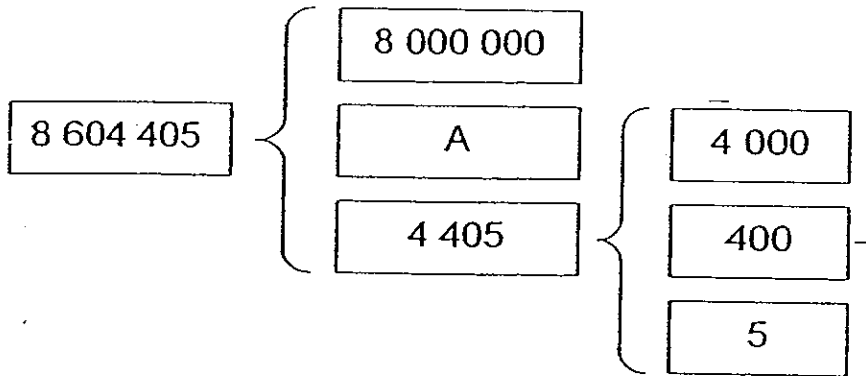
19. Arrange the numbers in ascending order.

9 993 009, 990 300, 9 990 003, 99 390

Ans: _____, _____, _____, _____

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20. Find the value of A.



Ans: _____

21. Find the sum of the first 5 multiples of 8.

Ans: _____

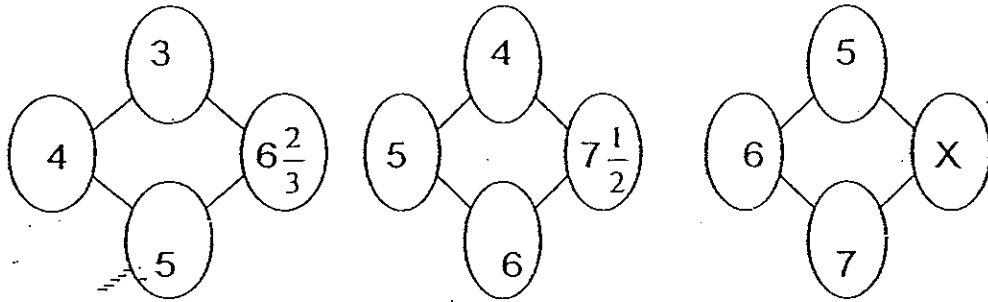
22. Express $\frac{37}{8}$ as a mixed number.

Ans: _____

23. Find the value of $\frac{7}{9} \times 108$.

Ans: _____

24. Look at the following pattern and find the value of X.

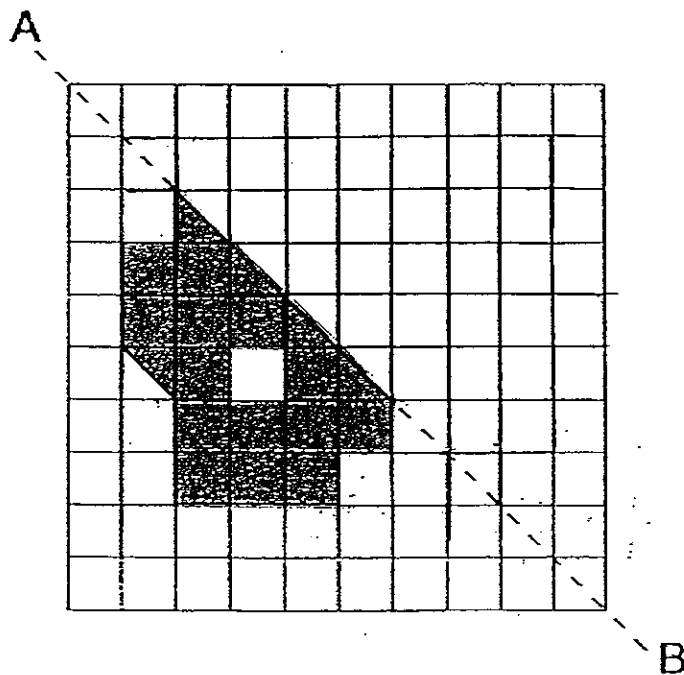


Ans: _____

25. Find the sum of $3\frac{2}{3}$ and $\frac{17}{9}$.

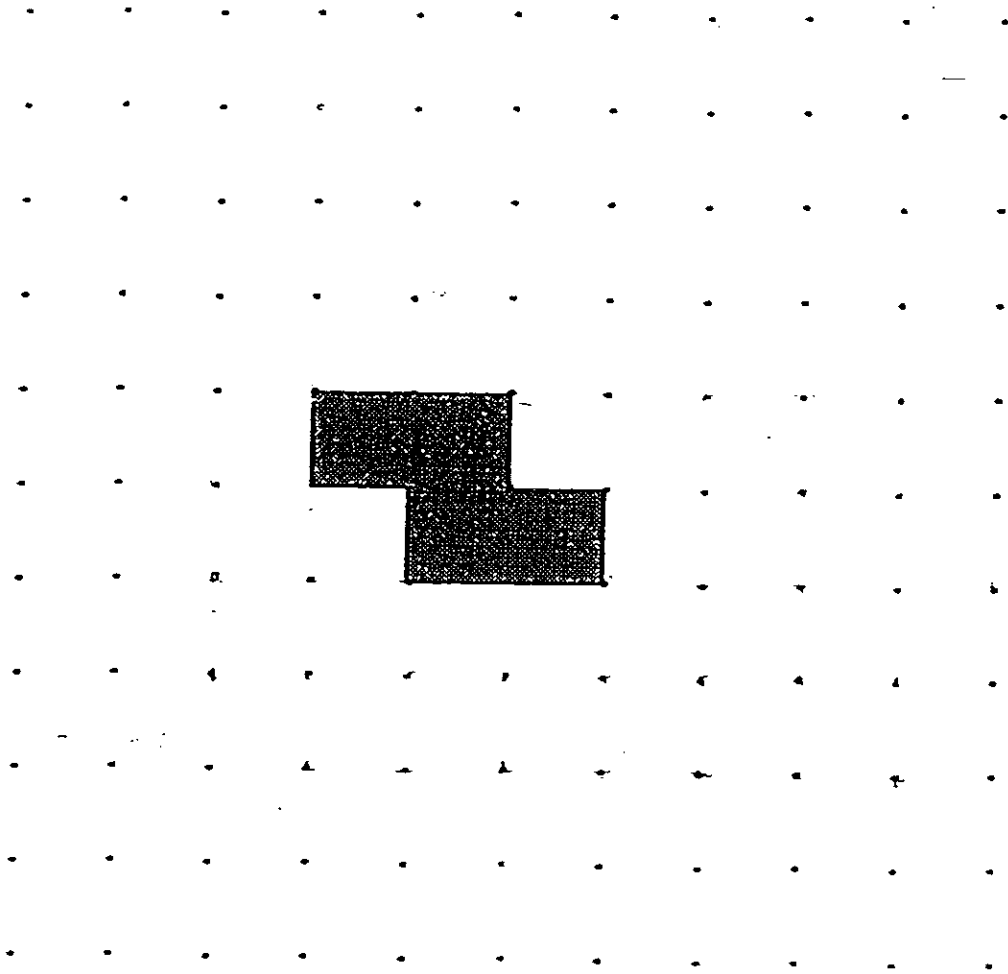
Ans: _____

26. In the figure below, AB is a line of symmetry. Complete the symmetric figure.

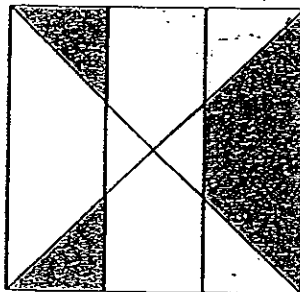


27. Use the given shape to make a tessellation in the space provided by adding 4 more unit shapes.

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28. What fraction of the square is shaded?



Ans: _____

29. Use all the digits below to form the largest possible even number that is greater than 5 000 000 but smaller than 6 000 000.

9	7	0	1	6	2	5
---	---	---	---	---	---	---

Ans: _____

30. The table shows the postage rates for sending parcels to Malaysia.

Mass not over	Postage
First 30g	\$1.00
Next 50g	\$1.80
Per additional step of 25g	\$0.40

Find the postage of a parcel with the mass of 197g.

Ans: \$ _____

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Name : _____ ()

Class : Primary 5 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL



PRIMARY 5

FIRST CONTINUAL ASSESSMENT - 2008

MATHEMATICS

Paper 2

25 February 2008

Paper 1 :	/ 40
Paper 2 :	/ 60
Total Marks	100

Parent's/Guardian's Signature

Duration of Paper : 1 hour 40 minutes

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

The use of calculator is allowed.

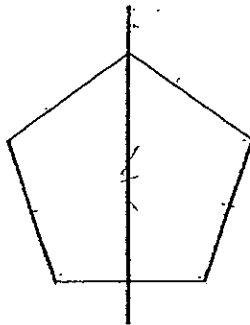
Short Answers (10 marks)

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Questions 31 to 35 carry 2 marks each.

Write your answers in the answer blanks provided.
Give your answers in the units stated.

31. The figure below has 5 equal sides. How many lines of symmetry does the figure have?



Ans: _____

When five dozen tins of canned drinks are packed into a box, the mass is 6 790g. When 25 such tins are placed in the same box, the mass is 4 655g. Find the mass of the box. Leave your answer in kg.

Ans: _____ kg

33. A blue bamboo pole is $\frac{2}{5}$ m long. The blue bamboo pole together with a red bamboo pole is $\frac{7}{10}$ m long. By how much is the blue bamboo pole longer than the red bamboo pole?

Ans: _____ m

34. There are 109 rooms in a hotel. It costs \$1 348 per night to stay in the room. If all the rooms are occupied, how much will the hotel receive?

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Ans: \$ _____

35. Alan, Martin and Desmond collected a total of 2 869 stickers. Martin's collection was 3 times as many as Desmond's collection. Desmond had 1 069 stickers fewer than Alan. How many stickers did Martin have?

Ans: _____

Long Answers (50 marks)

For question 36 to 48, show your working clearly in the space below each question and write your answers in the space provided.

The number of marks available is shown in brackets () at the end of the question or part-question.

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36. Uncle Sam paid \$5 250 for a plasma television. He paid the exact amount in \$100 and \$50 notes. He gave the cashier 90 notes in all. How many of them were \$50 notes?

Ans: _____ (3m)

37. 30 pencils and 20 pens cost \$270.
20 pencils and 30 pens cost \$280.
What is the cost of a pencil and a pen?

Ans: _____ (3m)

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38. Betty had 850 black beads, 620 orange beads and 930 grey beads in a container. She gave $\frac{1}{4}$ of these beads to her friend and used $\frac{1}{12}$ of these beads to make a necklace. How many beads had she has left?

Ans: _____ (3m)

39. A bank packed 14 634 ten-dollar notes equally into 18 stacks. After transferring 6 such stacks to a company, the bank decided to repack the rest into 36 ten-dollar notes in each stack. How many stacks of ten-dollar notes did the bank have in the end?

Ans: _____ (3m)

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40. A construction worker is filling two empty barrels with cement. The first barrel fills at a rate of 90ℓ per min for 1 minute before the tap filling the second barrel is turned on. The second barrel fills at a rate of 105ℓ per min. How many minutes will it take for the second barrel to contain the same amount of cement as the first barrel?

Ans: _____ (3m)

41. Tony and Linda had the same amount of money at first. After spending some of their money, Tony had seven times as much money as Linda. If Tony spent \$1 572 and Linda spent \$2 892, how much did each of them have at first?

Ans: _____ (4m)

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42. At a car exhibition, 55 cars were parked from one end of the road to the other at equal distance apart. The length of each car is 279cm. The distance between 2 cars is 4m. Find the length of the road.

Ans: _____(4m)

43. Johnny and Bobby collected a total of 12 795 stamps. Patrick and William collected a total of 17 245 stamps. Johnny and Patrick collected the same number of stamps. William collected 6 times as many stamps as Bobby. How many stamps did William collect?

Ans: _____(4m)

44. The table below shows the charges at a carpark.

From 7 a.m. to 5 p.m.	First $\frac{1}{2}$ hour	\$3.50
	Subsequent 15 minutes	\$2.25
After 5 p.m.	— —	\$1.50 per hour

- a) Vicky parked her car at the carpark from 7.30 a.m. to 10.27 a.m. on the same day. How much did she have to pay?
- b) Albert parked his car there from 4.30 p.m. onwards. He paid a total of \$9.50. For how many hours was his car parked there?

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Ans: a) _____ (2m)

Ans: b) _____ (2m)

45. Freddy painted $\frac{3}{8}$ of a wooden bench in brown and $\frac{1}{4}$ of the bench in red. If he still had 114cm left to be painted, how long was the bench?

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Ans: _____ (4m)

46. Aunty Sally bought some flour. $\frac{2}{5}$ of the flour weighs 450g. She used $\frac{4}{9}$ of the flour she bought to make some curry puffs. What is the amount she used for making the curry puffs?

Ans: _____ (5m)

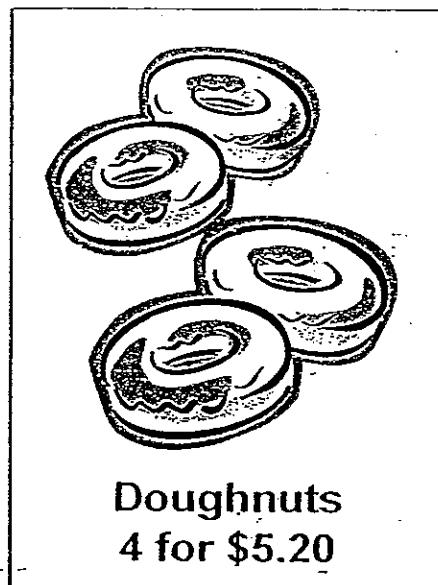
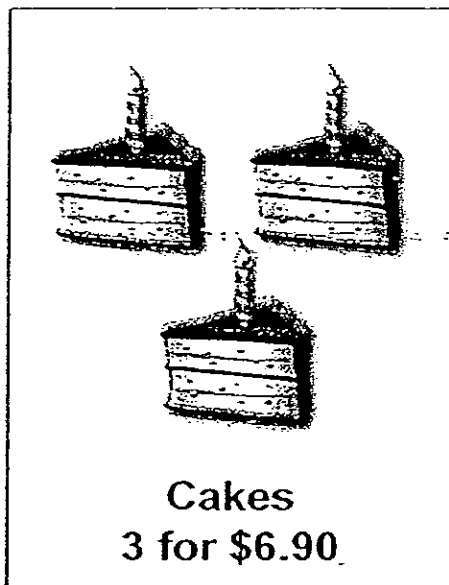
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47. 1kg of prawns cost \$20 more than 1kg of fish. 1kg of crabs cost \$30 more than 1kg of prawns. Uncle George spent a total of \$996 on 6kg of each type of seafood. How much did he spend on the fish and the crabs?

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Ans: _____ (5m)

48. The prices of cakes and doughnuts are shown below:



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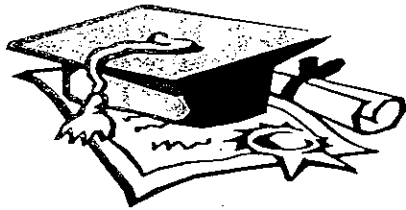
- (a) If Billy could only spend ~~\$25~~ ⁽⁶⁾ on each type of food, how many more doughnuts than cakes could he buy?
- (b) Billy's sister paid \$129.60 for an equal number of doughnuts and cakes. How many cakes and doughnuts did she buy altogether?

Ans: a) _____ (2m)

b) _____ (3m)

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





ANSWER SHEET

EXAM PAPER 2008

SCHOOL : CHIJ PRIMARY SCHOOL
 SUBJECT : PRIMARY 5 MATHEMATICS

TERM : CA 1

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

16) Nine million, forty thousand and twelve

17) \$20

18) 74

19) 99390, 990300, 9990003, 9993009

20) 600000

21) 120

22) $4\frac{5}{8}$

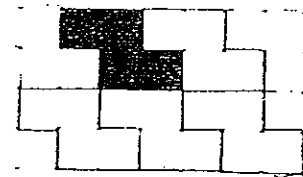
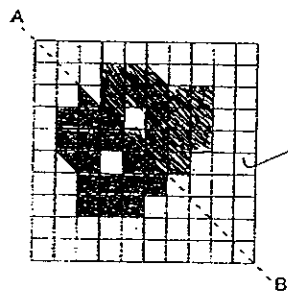
23) 84

24) $8\frac{2}{5}$

25) $5\frac{5}{9}$

26)

27)



28) $\frac{1}{3}$

29) 5976210

30) \$4.80

31) 5

32)3.13kg

33)1/10m

34)\$146932

35)1080

36)75

37)\$11

38)1600

39)271

40)6min

41)\$3112

42)369m 45cm

43)5340

44)a)\$26
b)4¹/₂h

45)304m

46)500g

47)\$684

48)a)4R 21
b)72