Name:_____(   )

Class : Primary 3 _____

CHIJ ST. NICHOLAS GIRLS' SCHOOL

Primary 3 Mathematics

First Semestral Assessment

12 May 2009

Section A:	/40
Section B & C	/60
Total Marks:	/100

_____
Parent's Signature

Duration of Paper: 1 h 45 min

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

This paper consists of 16 printed pages including the cover page.

For each question, four options are given.
One of them is the correct answer. Make your choice (1, 2, 3 or 4).
Write the correct option (1; 2, 3 or 4) in the brackets provided. .

1. Which one of the following has the smallest value?

   (1) 5 thousands 2 hundreds 8 tens 18 ones 5298
   (2) 5 thousands 2 hundreds 9 tens 18 ones 5308
   (3) 5 thousands 2 hundreds 18 tens 8 ones 5388
   (4) 5 thousands 2 hundreds 18 tens 9 ones 5389

2. In 13▮4, the digit '8' is in the _____ place.

   (1) ones   (2) tens
   (3) hundreds   (4) thousands

3. Which one of the following is not equal to 7 x 8?

   (1) 8 x 7   (2) 8 + 8 + 8 + 8 + 8 + 8 +8
   (3) 8 groups of 7   (4) 8 x 8 x 8 x 8 x 8 x 8 x 8

4. The sum of 3 numbers is 6190. The first number is 340 and the second
   number is 2305. What is the third number?

   (1) 2645   (2) 3545
   (3) 5850   (4) 8835

5. What is the missing number in the box?

   $10 \times 3 = 30$
   $12 \times 3 = 30 +$ ▢

   (1) 2   (2) 6
   (3) 36   (4) 60

6. Jimmy has $ 9.00. His mother gives him another 85 ¢.
   How much money does he have now?

   (1)$908.50   (2) $98.05
   (3)$9.85   (4) $8.95

7. Find the difference between 8080 and 606.

   (1) 2020   (2) 7374
   (3) 7474   (4) 8686

8. Nine thousand, one hundred and thirteen is the same as _____.

   (1) 9000 + 10 + 13   (2) 9000 + 100 + 13
   (3) 9000 + 10 + 30   (4) 9000 + 100 + 130
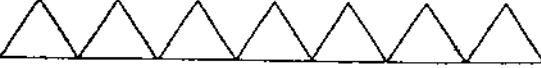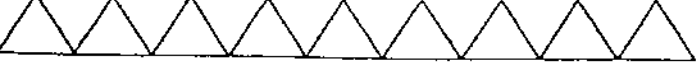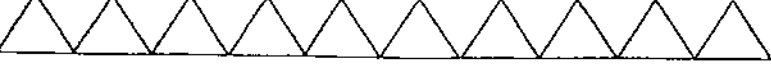
9. Divide 108 by 7. The quotient is _____.

   (1) 3   (2) 7
   (3) 15   (4)18

10. In the product of 213 and 8, which digit is in the hundreds place?

    (1) 0   (2) 1
    (3) 4   (4) 7

11. If △△△ stands for ____, which one of the following stands for ___ ____?

    (1) △△△△△△△

    (2) △△△△△△△

    (3) △△△△△△△△

    (4) △△△△△△△△△

3

12. Paul is 8 years old. In 3 years' time, Paul's brother will be 3 times as old as Paul. How old is his brother now?

(1) 11
(2) 14
(3) 30
(4) 33

13. John and Mary each have some fifty-cent coins. John has 5 fifty-cent coins. Mary has 4 fifty-cent coins more than John. How much money do they have altogether?

(1) $4.50
(2) $5.00
(3) $7.00
(4) $9.00
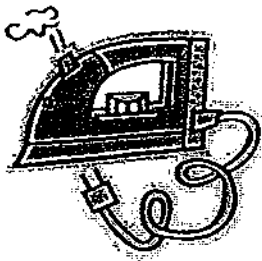
14. 1 apple and 1 orange cost $1.60. If 1 orange costs $ 0.60, how much will 2 apples cost?

(1) $1.00
(2) $ 2.00
(3) $1.20
(4) $ 2.20

15. How many tens are there altogether in 3810? ·

(1) 1
(2) 10
(3) 81
(4) 381

16. Aunt Lily bought the following items. How much did she spend in all?

$ 23.15 $ 15.90 $ 9.15

(1) $32.30
(2) $37.10
(3) $39.05
(4) $48.20

4

17. 7000 - [?] = 2999. What is the missing number in the box?

    (1) 4001   (2) 4111

    (3) 5001   (4) 5111

18. A television set cost $ 5239. A refrigerator cost $3387 less than the television set. What was the total cost of the television set and the refrigerator?

    (1) $8626   (2) $6091

    (3) $7091   (4) $1852

19. Tom makes 2 bookmarks a day. How many bookmarks will he make in 2 weeks?

    (1) 28   (2) 24

    (3) 10   (4) 4

20. Each letter represents a different digit.
    N represents 6 and Y represents 4.
    Find the digits that the other letters represent.

$$
\begin{array}{cccc}
 & B & E & E \\
+ & E & Y & E \\
\hline
S & P & A & N \\
\end{array}
$$

    (1) E= 3, A= 7, B= 5, S= 1, P= 3
    (2) E= 3, A= 7, B= 6, S= 2, P= 8
    (3) E= 3, A= 7, B= 7, S= 1, P= 1
    (4) E= 3, A= 7, B= 9, S= 1, P= 2

Section B: (20 x 2 marks)
Show all workings and steps clearly.

21.   Write $ 6046.93 in words.

   Ans: _____

   _____

22.   What is the missing ▓▓▓

$$7 \overline{)3 \boxed{?} 8} \quad 56$$

```
         5   6
      _____
   7 ) 3 [?] 8
       3   5
      _____
         4   8

         4   2
      _____
           6
```

   Ans: _____

23.   Granny Lim distributed some money among her 8 grandchildren.
   ▓▓▓▓▓▓▓▓▓▓▓▓▓▓ and Granny Lim had ▓▓▓▓▓ after the
   distribution. How much did Granny Lim had at first?

   Ans: $_____

24.   Using all the digits below, form the greatest ▓▓▓▓▓▓▓▓▓▓.

   | 5, | 2, | 8, | 0 |

   Ans: _____

6

25. Fatimah had 139 pupils. On Children's Day, she gave each pupil 8 sweets. How many sweets did she give away?

Ans: _____

26. 3999 less than 9097 is [?]

Ans: _____

27. The total value of the digits 8 in 8865 is [?].

Ans: _____

28. A baker baked 245 cakes on the first day and increase many cakes on the second day as the first day. He has a total of 4200 cakes to bake. How many more cakes does he have to bake?

. Ans: _____

29. 2 identical books and 3 pairs of shoes cost $ 85.00. If 1 book cost $ 20.00, how much do 6 pairs of shoes cost?

Ans: $_____

30. Nathan wanted to buy 15 cakes at $ 2 each but realized he was short of $ 9.20. How much did he have at first?

Ans: _____

31. Kate had 700 stickers. She packed the stickers equally into 6 containers.

(a) How many stickers were there in each container?

Ans: _____

(b) How many stickers were left behind?

Ans: _____

32. What is the difference between 68 hundreds and 120 ones?

Ans: _____

33. Arrange the following ~~products~~ in ascending order.

$$6 \times 7, \qquad 9 \times 8, \qquad 8 \times 4, \qquad 8 \times 7$$

Ans: _____ , _____ , _____ , _____

34.

$$\bigcirc + \bigcirc + \bigcirc + \bigcirc = \triangle$$

$$\triangle + \triangle \quad = \quad 64$$

What does $\bigcirc$ stand for?

Ans: _____

35.   What is the product of 529 and 8?

Ans: _____

36.   A number is between 55 and 60. When the number is divided by 7, the remainder is 1. When the number is divided by 3, there is no remainder. What is the number?

Ans: _____

37.   Complete the number pattern.

3,   3,   9,   45,   315, _____

38.   A box can hold 7 muffins. What is the least number of boxes needed to pack 215 muffins?

Ans: _____

39. $ 6.45 + $ 3.75 = $\boxed{?}$

Ans: $ _____

40.   Jiali bought the following items from Sunshine Supermarket.

XYZ Fresh milk	$ 2.15
Cheese	$ 5.60
Grapes	$ 3.95
Instant noodles	$ 3.25

She paid for all the items with two $10 notes.
How much change did she receive?

Ans: $ _____

Section C: (5 x 4 marks)
Solve ALL of the following problems.
All mathematical workings and statements must be shown clearly.

41. Ruth and Harris have 316 stickers altogether.
    If Harris gives Ruth 36 stickers, they will have the same number of stickers.
    How many stickers does Ruth have?

Ans: _____

42. Lena brought 180 marbles to school. She decided to share them equally with Megan, Jimmy, Lillian and Benjamin. How many marbles does Benjamin have in the end if he has 89 marbles at first?

Ans: _____
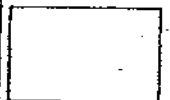
43. Bianca is 25 years old now. Four years ago, she was thrice as old as Mivio. How old would Mivio be in 15 years' time?
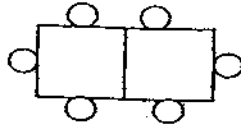
Ans: _____

(44) Four children can sit around a table.
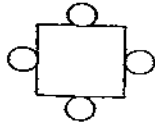
When Mrs. Lee places two tables together, 6 children can sit around two tables.

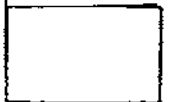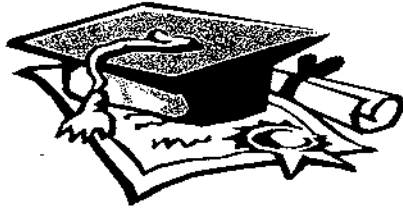If she places 8 tables together, how many children can sit around the tables?

Ans: _____

15

45. Brightkidz School ordered some pencil-holders as souvenirs for Children's Day. Each pencil-holder cost $2. For ~~every~~ pencil-holders ordered, the school would receive ~~a free holder.~~ The school spent a total amount of $302. How many pencil-holders did the school receive ~~altogether?~~

Ans: _____

ANSWER SHEET

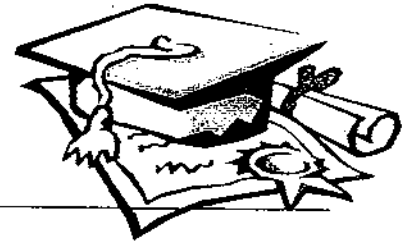| Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17
1	2	4	2	2	3	3	2	3	4	2	3	3	2	4	4	1

Q18	Q19	Q20
3	1	4

21) Six thousand and forty-six dollars and ninety-three cents

22) 9   23) $916   24) 8520   25) 1112   26) 5098   27) 8800

28) 3465   29) $90.00   30) $20.80   31) a) 116   b) 4   32) 6680

33) 32, 42, 56, 72   34) 8   35) 4232   36) 57   37) 2835   38) 31

39) $10.20   40) $5.05

41) 316 ÷ 2 = 158
158 + 36 = 194
158 - 36 = 122
Ruth has 122 stickers.

42) 180 ÷ 5 = 36
36 + 89 = 125
Benjamin has 125 marbles in the end.

43) 25 - 4 = 21
21 ÷ 3 = 7
7 + 4 = 11
11 + 15 = 26
Mivio would be 26 years old in 15 years' time.

44) 18 children can sit around 8 tables.

45) 302 ÷ $2 = $151
151 → 1 x 15 = 15 given free
151 + 15 = 166
The school received 166 Pencil-holdres.