Tao Nan School
Primary 3 Mathematics Mid-Year Examination - 2009

Name: _____ ( )   Date: 18 May 2008

Class: Pr 3 (.)   Time: 8.00 – 9.30 a.m.

Parent's Signature: _____   Marks: _____/ 80

Section A (10 marks)

Questions 1 to 10 carry 1 mark each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3, 4). **Shade the correct answer on the Optical Answer Sheet (OAS).**

1. The digit '8' in 3826 stands for _____.

   (1) 8 ones
   (2) 8 tens
   (3) 8 hundreds
   (4) 8 thousands

2. Nine thousand, nine hundred and nineteen is the same as _____.

   (1) 9099
   (2) 9199.
   (3) 9909
   (4) 9919

3. Which of the following has the same value as 9 × 4?

   (1) 4 + 4 + 4 + 4
   (2) 4 × 4 × 4 × 4
   (3) 9 + 9 + 9 + 9
   (4) 9 × 9 × 9 × 9

4. Complete the following pattern.

    8223, 8123, 8023, _____, _____.

    (1)   7023, 6923
    (2)   7223, 7123
    (3)   7323, 7423
    (4)   7923, 7823

5. The **greatest even** number that can be formed with the digits 2, 4, 7 and 9 is _____.

    (1)   9274
    (2)   9472
    (3)   9724
    (4)   9742

6. Find the sum of 2365 and 2222.
    Which digit in your answer is in the **thousands** place?

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

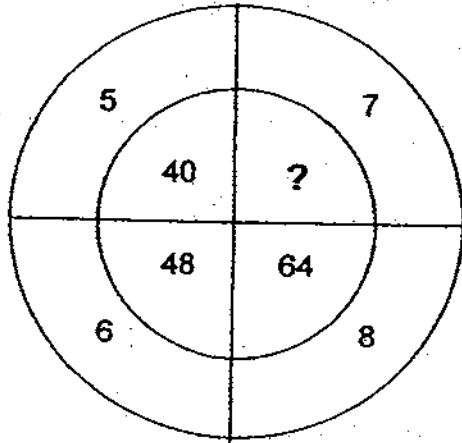7. Subtract 20 ones from 50 hundreds. The answer is _____.

    (1)   30
    (2)   300
    (3)   4800
    (4)   4980

8. Find the missing number in the diagram.

(1) 42
(2) 49
(3) 56
(4) 60

9. A coin box has only 20-cent and 50-cent coins. What is the **maximum** number of 50-cent coins you can find in the purse containing $5.70?

(1) 11
(2) 12
(3) 26
(4) 27

10. ♥ × 7 = ☆

☆ × 7 = 147

What does the ♥ stand for?

(1) 1
(2) 7
(3) 3
(4) 21

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Class: Pr 3(   )

Section B		40
Section C		30
Total		70

Section B (40 marks)

Each question carries 2 marks. Write your answers in the boxes provided. For answers which require units, give your answers in the units stated.

11.   Write 7092 in words.

_____

_____

12.   What is the **difference** between 1406 and 319?

Ans: [   ]

13.   5723 + _____ = 6000

Ans: [   ]

14.   How many **tens** are there in the **sum** of 63 and 87?

Ans: [   ]

4

15. Multiply 400 by 7. Then subtract 50 from it. The answer is _____.

Ans: [   ]

16. 8835 is _____ more than 6835.

Ans: [   ]

17. 59 ÷ 9 = _____

Ans: [   ]

18. When I divide a number by 7, its quotient is also 7 and its remainder is 3. This number is _____.

Ans: [   ]

5

19. $\mathbb{C} + \mathbb{C} + \mathbb{C} + ☼ + ☼ + ☼ = 51$

If $\mathbb{C} = 7$, what is the value of ☼ ?

Ans: [ ]

20. The number in the box is _____ .

$$4 \overline{) }^{\displaystyle 106}$$

Ans: [ ]

21. Jin Seng earns \$192 in two days. If he worked for 8 hours in one day, how much does he earn in 1 hour?

Ans: \$[ ]

6

22. A television set costs 5 times as much as a DVD player.
The DVD player cost $123.
Write the missing number in the box.

DVD
player

TV set

$
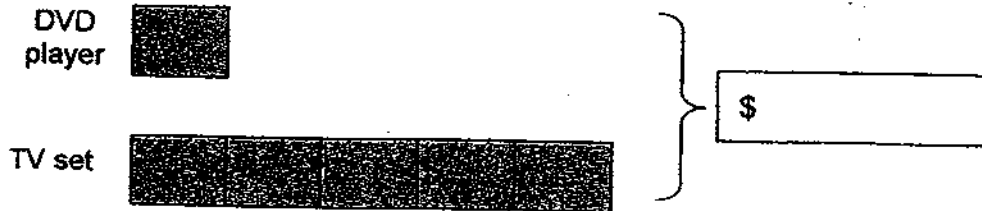
23. The School is 3 km from the Market.
The distance between the Library and the Market is 3 times as far.
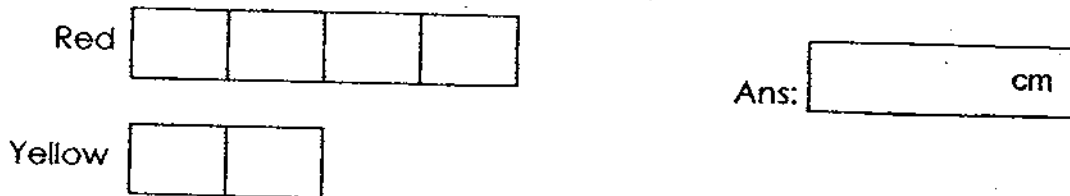How far is the Library from the School?

← 3 km →

School   Market   Library

Ans: [km]

24.

/21\   /24\   /28\   / ?\   /39\   /46\
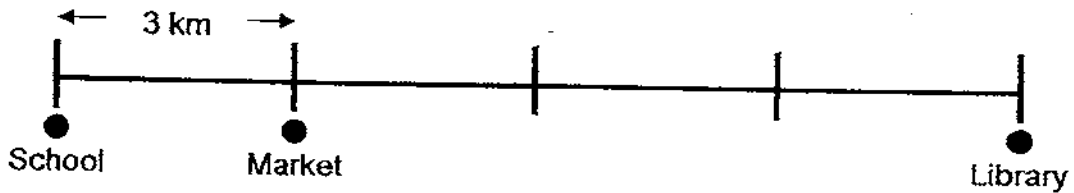
Look at the number pattern. The missing number is _____.

Ans: [   ]

25. A red ribbon is twice as long as a yellow ribbon.
The red ribbon is cut into 4 equal pieces.
If each piece is 17cm long, find the length of the yellow ribbon.

Red

Yellow

Ans: [   ] cm

26. Four girls are queuing to buy noodles in the canteen.
Jane is behind Mariam. Shuqi is in front of Mariam.
Rani is first in line. Who is last in the queue?

Noodle Stall

X   X   X   X

Ans: [   ]
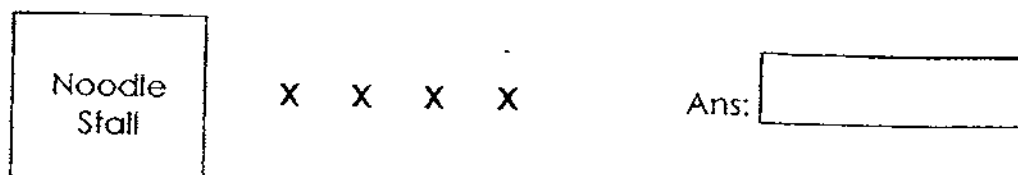
27. There are 120 girls and boys in the training team for the Youth Olympic Games. There are 3 times as many boys as girls. How many more boys are there in the team?

Ans: [   ]

8

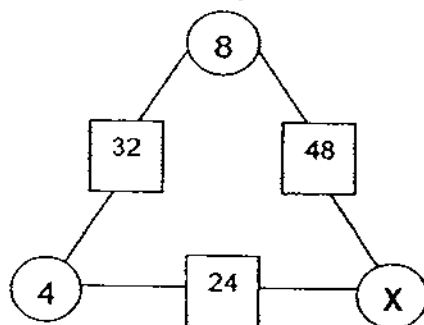28. How many twenty-cent coins can be exchanged for a five-dollar note?

Ans: [ ]

29. Find the missing number in the box provided.

```
        1 ◯
     7) 9 ⬡
      - 7
        2 ◯
      - 2 1
          2
```

Ans: [ ]

30. What is the value of **X** in the following pattern?

```
           8
         /   \
      [32]   [48]
       /       \
      4 — [24] — X
```

Ans: [ ]

Section C (10 X 3 marks)

Each question carries 3 marks. Show your working and statement clearly in the spaces provided.

31. Lucy baked 765 cookies.
     After selling 87 cookies, she gave the rest **equally** to 6 friends.
     How many cookies did each friend receive?

Ans: _____

32. A cup of juice and one piece of cake cost $8.
     The cup of juice and two pieces of cake cost $11.
   What is the cost of the cup of juice?

Ans: _____

33. Mrs Low made 3296 muffins for a Children's Day party.
Mrs Wong made 1400 cupcakes.
How many more muffins than cupcakes were there?

Ans: _____

34. There were 7 boys and 3 girls. Each boy carried 6 books
while each girl carried 5 books.
How many books did they carry altogether?

Ans: _____

35. Betty had twice as much money as Audrey.
Christine had twice as much money as Betty.
If Christine had $352, how much money did Audrey have?
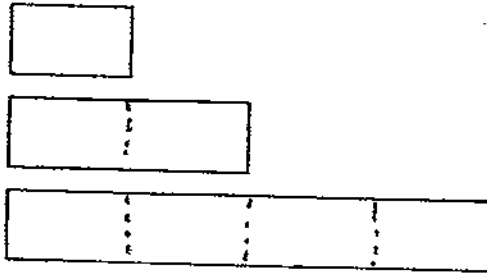
Ans: _____

36. Stanley has 62 stamps. Thomas has 56 more stamps than Stanley.
Victor has half as many stamps as Thomas.
How many stamps does Victor have?

Ans: _____

12

37. Ali had $500. He bought a bag for $100.
He then gave the rest of the money to 4 nephews to share **equally**.
How much money did each nephew get?

Ans: _____

38. During Valentine's Day, a florist sold 240 stalks of roses.
She sold 4 times as many roses as lilies.
How many more roses did the florist sell?

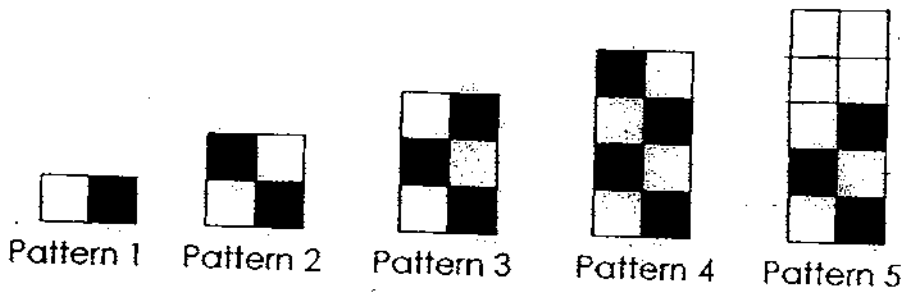Roses [   ]

Lilies [   ]
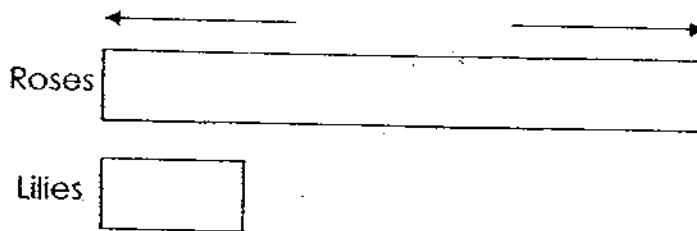
Ans: _____

39. 63 children are arranged **equally** in 9 groups.
There are 3 more girls than boys in each group.
How many boys are there in each group?

Ans: _____

40. Study the pattern.

Pattern 1   Pattern 2   Pattern 3   Pattern 4   Pattern 5

(a) Complete Pattern 5.   (1m)

(b) How many squares will there be in Pattern 20?   (2m)

Ans: _____

*** End of Paper***

ANSWER SHEET
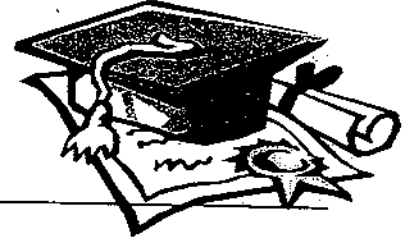
Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	4	3	4	4	4	4	3	1	3

11) Seven thousand and ninety-two   12) 1087   13) 277

14) 15   15) 2750   16) 2000   17) 6 R 5   18) 52   19) 10

20) 424   21) $12   22) $738   23) 12km   24) 33   25) 34cm

26) Jane   27) 60   28) 25   29) 3   30) 6

31) $765-87=678$
$678 \div 6=113$
Each friend received 113 cookies.

32) $$11-$8=$3$
$$8-$3=$5$
The cup of juice cost $5.

33) $3296-1400=1896$
There were 1896 more muffins than cupcakes.

34) $7 \times 6=42$
$3 \times 5=15$
$42+15=57$
They carried 57 books altogether.

35) $$352 \div 2=176
$$176 \div 2=88
Audrey had $88.

37)$500-$100=$400
   $400÷4=$100
Each nephew got $100

38)240÷4=60
   240-60=180
The florist sold 180 more roses than lilies.

39)63÷9=7
   7-3=4
   4÷2=2
There are 2 boys in each group.

40)a)
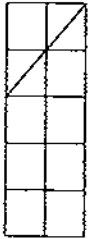
   20x2=40
There will be 40 squares.