Tao Nan School

Primary 3 Mathematics End-of-Year Examination 2009

Name: _____ ( ) Date: 28 October 2009

Class: Primary 3 ( ) Time: 8.00 a.m. – 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, or 4). Shade the correct oval on the Optical Answer Sheet (OAS).

1. In 4870, the value of the digit '7' is _____.

    (1) 7
    (2) 70
    (3) 700
    (4) 7000

2. The time shown on the clock is _____.
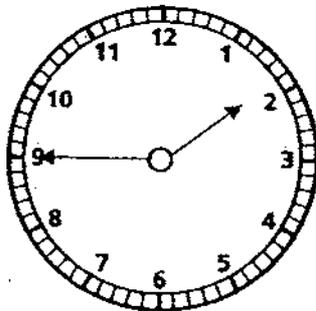
    (1) 15 minutes to 1
    (2) 15 minutes past 1
   (3) 15 minutes to 2
    (4) 15 minutes past 2

3. $8459 = 8000 +$ _____ $+ 9$

    (1)   405
    (2)   450
    (3)   4050
    (4)   4500

4. 4 km 40 m = _____ m

    (1)   440 m
    (2)   4004 m
    (3)   4040 m
    (4)   4400 m

5. How much more water is needed to fill up the container to the 2 litre mark ?
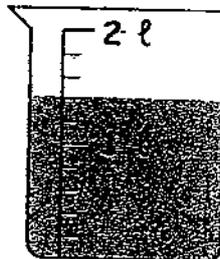
    (1)   200 ml
    (2)   300 ml
    (3)   400 ml
    (4)   600 ml

6. Which one of the following angles is less than 90°?
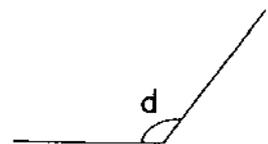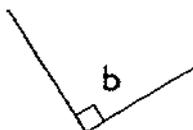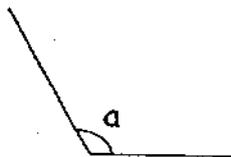
    (1) ∠a
    (2) ∠b
    (3) ∠c
    (4) ∠d

7. $\dfrac{6}{8}$ is equivalent to _____.

    (1) $\dfrac{8}{16}$

    (2) $\dfrac{9}{16}$

    (3) $\dfrac{12}{16}$

    (4) $\dfrac{14}{16}$

8. Look at the movie ticket below.
How long was the movie?

GV Cinema
presents
"Wall-E"
Date: 12 September 2008
Time: 1.45pm to 3.15pm

    (1)   1h 5 mins
   (2)   1h 30 mins
    (3)   2h 15 mins
    (4)   3h 10 mins

9. ♣ × 5 = ☺

   7 × ☺ = 420

   What does ♣ stand for?

   (1) 12
   (2) 56
   (3) 84
   (4) 96

10.

   Apples - 3 for $2.00
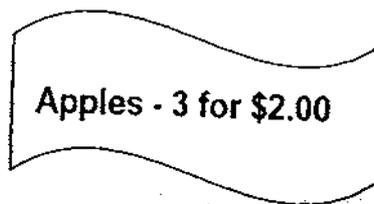
   Mrs Tan paid the fruit-seller $10 for some apples.
   She got back $2 change.   How many apples did she buy?

   (1) 6
   (2) 8
   (3) 12
   (4) 15

Name: _____ ( )

Class: Primary 3 ( )

40
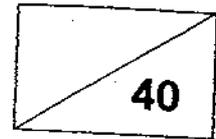
Section B (40 marks)

Each question carries 2 marks.   **Write your answers in the boxes provided.**

11.   6350 = _____ - 350

Ans: _____

12.   The largest **even** number that can be formed from the given digits is _____.

4, 1, 9, 0.

Ans: _____

13.   Divide 309 by 9.   The remainder is _____.

Ans: _____

14.   Mdm Goh attended a monthly cooking class which consisted of 10 lessons.   The last lesson ended on 15 December 2008. In which **month** did she start her class?

Ans: _____

15. Shade the correct number of rectangles to show $\frac{4}{5}$.
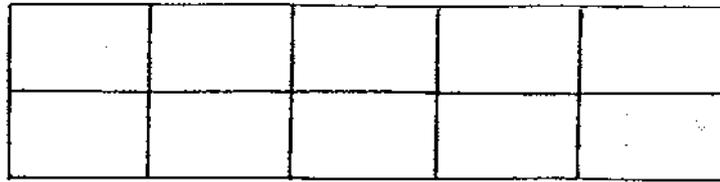
Ans:

16. Arrange the following fractions beginning with the smallest in value.

$$\frac{5}{12} , \frac{5}{9} , \frac{5}{6} , \frac{5}{7}$$

Ans: [ ] , [ ] , [ ] , [ ]
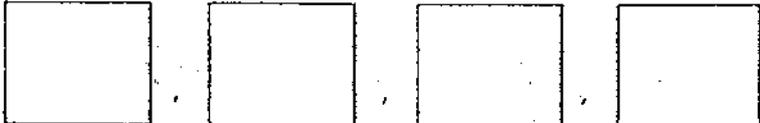
17. Janet shaded the rectangle.
What fraction of it is unshaded?
Give your answer in the **simplest form**.

Ans:

6
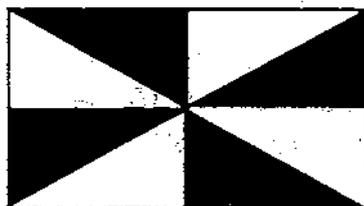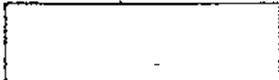
Use the bar graph below to answer **questions 18 to 19**.

The bar graph below shows the number of books borrowed from the school library in the first 4 months of this year.
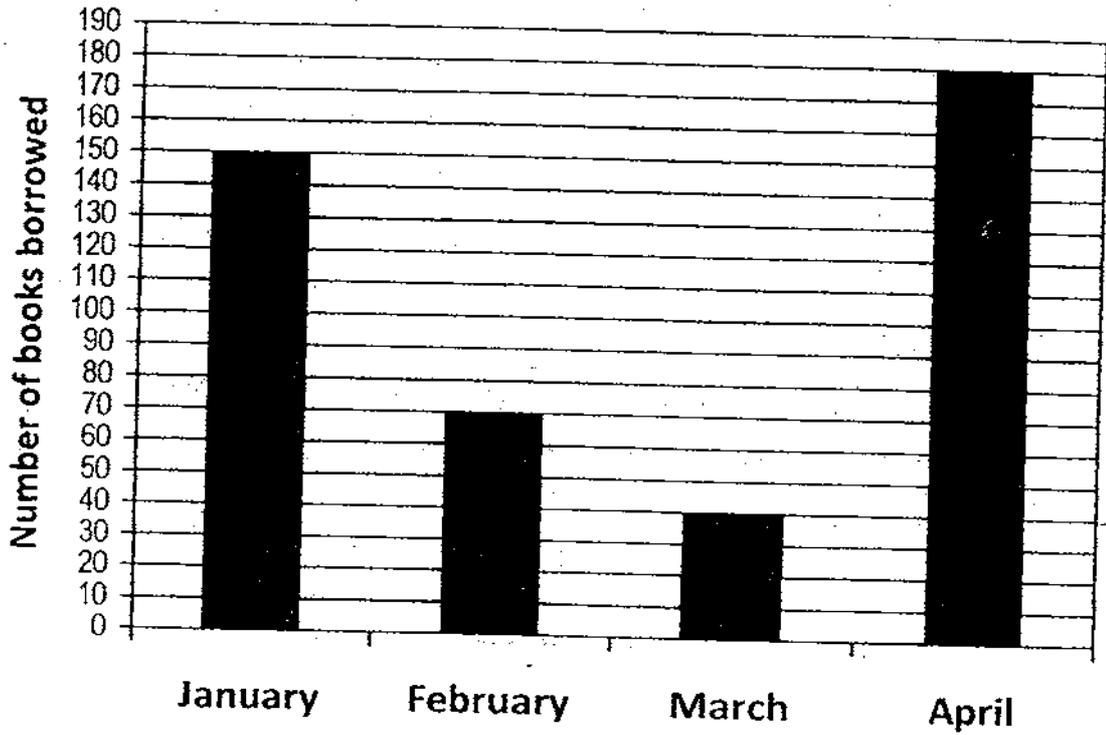

18. The total number of books borrowed in January and February was
    _____.

    Ans: [   ]

19. 70 more books were borrowed in April than in _____ and _____.

    Ans: [_____ and _____]

20. Study the figure below.   How many angles in the figure are **smaller** than a right angle?
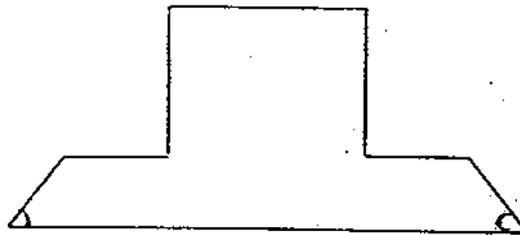
Ans: [   ]

21. Use the digits 3, 2 and 6 to form a number that will give the product below.   Use each number **once** only in the boxes provided.

| 2 | 6 | 3 |

| | | |

$$\begin{array}{r} \square\ \square\ \square \\ \times\ \qquad\ \ 2 \\ \hline 6\ \ 5\ \ 2 \\ \hline \end{array}$$

22. The number below has 4-digits.   However, the last digit has been covered by spilt ink.   If the number can be divided equally by 2 and 5, what is the missing **digit**?

2 4 5
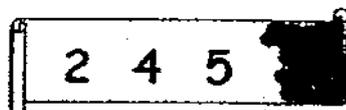
Ans: [   ]

23. Mrs Lim watched a movie that lasted 2h 15mins.
     It started at 1.30 p.m. What time did the movie end?

     |——————————————————|
     1.30 pm

     Ans: |_____|

24. The total mass of A and B is _____.
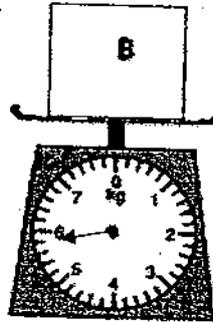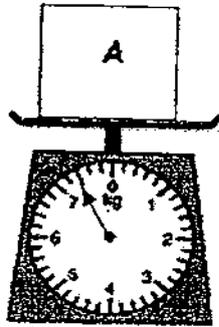
     Ans: |_____ kg _____ g |

25. The amount of money is $_____.
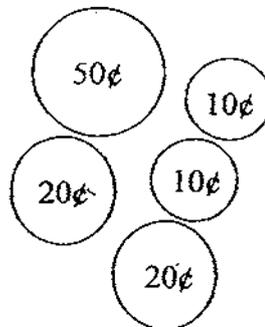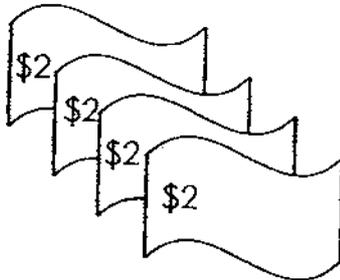
     Ans: | $ _____ |

26. Joel has 8 coins that add up to $3.40. Some are 50¢ coins and the rest are 20¢ coins. How many 50¢ coins does Joel have?

Ans: |_____ 50¢ coins|

27.

Container	Capacity
Jar	825 ml
Pail	8 l 20 ml
Cup	100 ml
Bottle	300 ml

The total capacity of the largest container and the smallest container is _____.

Ans: | l   ml|

28. I have ten 50-cent coins and ten 20-cent coins.

I can exchange them for _____ one-dollar coins.

Ans: |_____|

29. Study the number pattern below carefully.
Complete the pattern.

10	19		40	52	65	79

30. David, Meryl, Claudia, Amos and Elizabeth sat in a row. Claudia sat in the fifth seat. Only Elizabeth sat between Meryl and Amos. David did not sit in the first seat. Which seat did Elizabeth sit in?

1st   2nd   3rd   4th   5th (Claudia)
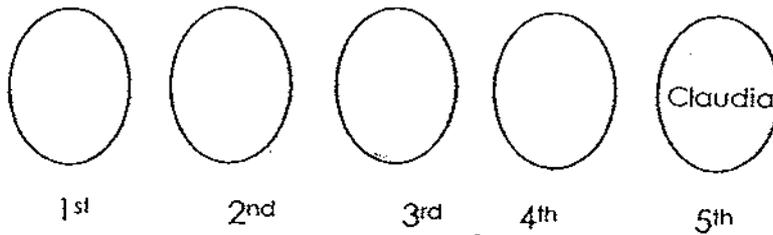
Ans:

Name: _____ ( )
Class: P3 ( )
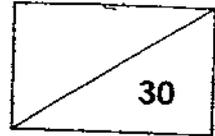
Section C (30 marks)

For each of the following word problems, show all your working clearly and write your answers in the spaces provided.

31.   During a race, Mr Lim swam 720 m, cycled for 2000 m and jogged for 800 m.
        What was the total distance he covered?

Answer: _____

32.   Helen baked 200 cookies.
        Her family ate 55 of them and she gave 48 to her neighbours.
        How many cookies had she left?

Answer: _____

33.   Rachel and Vanessa have 940 stamps.
        Rachel has 320 more stamps than Vanessa.
        How many stamps does Vanessa have?

        Rachel [   ]

        Vanessa [   ]

                                        Answer: _____

34.   Find the mass of one box.

4 boxes

5kg pack of rice
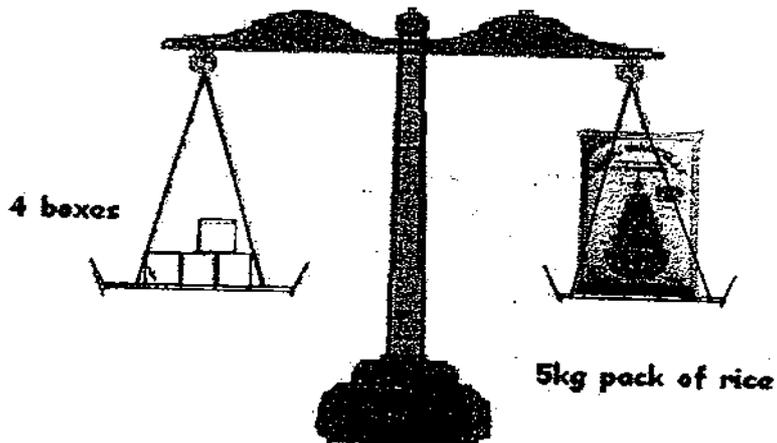
                                        Answer: _____

35. Container A is 3 kg heavier than Container B.
Container B is twice as heavy as Container C.
The total mass of the three containers is 23 kg.
What is the mass of Container C?

A [   ]

B [   ]

C [   ]

Answer: _____

36. Li Ming had 150 game cards.
He put them in 5 equal bags.
He gave 2 of the bags to Abbas
How many cards had Li Ming left?

[| | | |]

Answer: _____

14

37. Ricky had to fix wheels to 256 toy cars in a factory.
Each car needed 4 wheels.
Ricky was only given 740 wheels.
How many more wheels would Ricky need to have?

Answer: _____

38. Jia Hui had the exact amount of money to buy 9 oranges.
However, she bought only 6 oranges and had $3 left.
How much money did she have at first?

Answer: _____

39. Johnston saves $60 each month.
His brother saves $57 in 3 months.
How much money do they save altogether in 6 months?

Answer: _____

40. Leonard is thinking of a number between 10 and 20.
When this number is divided by 6, the remainder is 4.
When it is divided by 3, the remainder is 1.
What is the number?

Answer: _____

End-of-Paper

EXAM PAPER 2009

SCHOOL : TAO NAN PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM   : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	3	2	3	4	3	3	2	1	3

11)6700   12)9410   13)3   14)March   15)
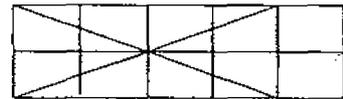
16)5/12, 5/9, 5/7, 5/6   17) ½   18)220

19)February and March   20)2   21)36   22)0   23)3.45 p.m.

24)13kg 200g   25)$9.10   26)6   27)8L 120ml   28)7

29)29   30)2nd

31)720+800+2000=3520
   He covered 3250m.

32)55+48=103
   200-103=97
   She left 97 cookies.

33)940-320=620
   620÷2=310
Vanessa has 310 stamps.

34)5kg=5000g
   5000÷4=1250
   One box is 1250g.

35)23-3=20
   1+1+2=4
   20÷4=5
The mass of container C is 5kg

36)150÷5=30
   30x2=60
   150-60=90
   Li Ming has 90 game cards left.

37)256x4=1024
   1024-740=284
He need another 284 wheels.

38)9-6=3
   $3 = 3 oranges
   $9 = 9 oranges
   She had $9 at first.

39) 60x6=360
6÷3=2
57x2=114
360+114=474
The saved $474 in 6 months.

40) 16÷6=2 R 4
16÷3=5 R 1
He is thinking of the number 16