Tao Nan School
Primary Three Mathematics End-of-Year Examination-2004

NAME : _____ (   )   DATE : 3 November 2004

CLASS : Pri 3 (   )   Time : 1.25 pm – 2.55 pm

PARENT'S SIGNATURE : _____   MARKS : _____ / 100

SECTION A (20 X 2 marks)
For each question, four options (1, 2, 3 and 4) are given.
One of them is the correct answer.
Choose the correct answer and shade its oval on the Optical Response Sheet.

1) In the number 5327, the value of the digit '2' is _____.

    (1)   20
    (2)   2
    (3)   200
    (4)   2000

2) Which one of the following numbers has the greatest value for the digit '6'?

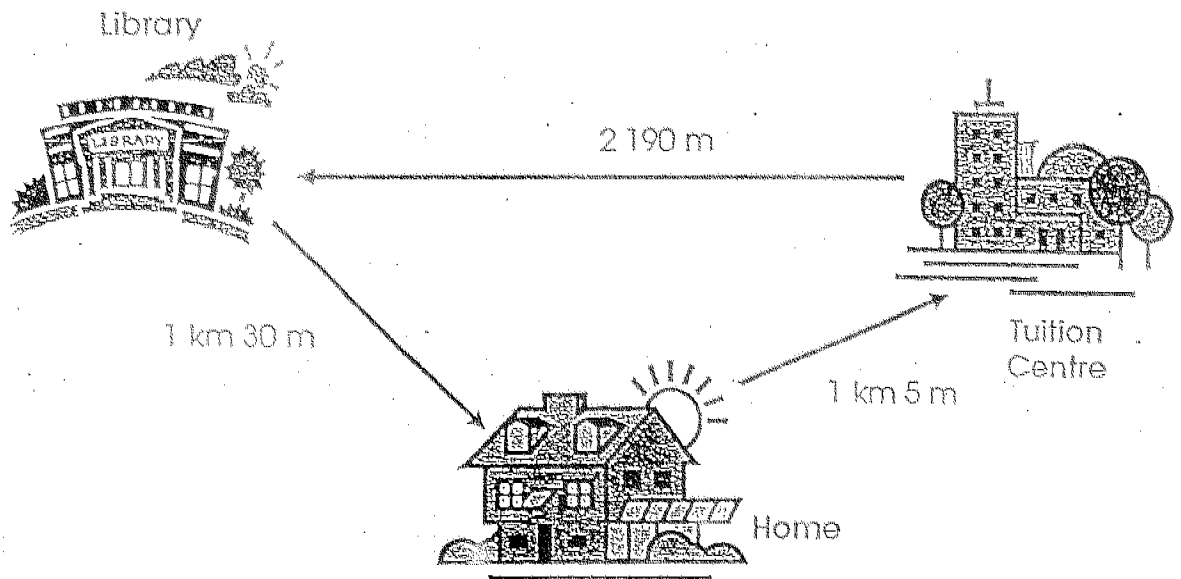   (1)   2609
    (2)   2906
    (3)   6902
    (4)   9062

3) The product of 168 and 5 is _____.

    (1)   173
    (2)   540
    (3)   800
    (4)   840

1

4) The difference of 3000 and 1049 is_____

(1) 1161
(2) 1951
(3) 1961
(4) 2049

5) Daniel cycles from his home to get to the tuition centre. After tuition, he cycles to the library to borrow some storybooks before heading home. How far will he have to cycle altogether?
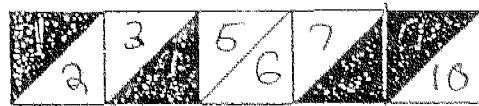
Library

2 190 m

1 km 30 m

Tuition Centre

1 km 5 m

Home

(1) 2 km 325 m
(2) 2 km 425 m
(3) 4 km 125 m
(4) 4 km 225 m

6) 3ℓ 15mℓ =_____ mℓ

(1) 315
(2) 3015
(3) 3105
(4) 3150

2

7)

What fraction of the above figure is shaded?

(1) $\dfrac{3}{6}$

(2) $\dfrac{4}{6}$

(3) $\dfrac{4}{10}$

(4) $\dfrac{6}{10}$

8) Which of the fractions below is **not** an equivalent fraction of $\dfrac{15}{45}$?

(1) $\dfrac{1}{3}$

(2) $\dfrac{3}{9}$
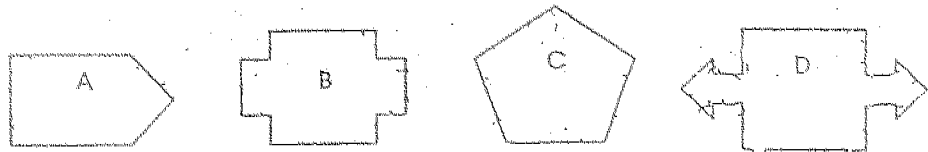
(3) $\dfrac{1}{4}$

(4) $\dfrac{5}{15}$

3

9) Express 140 minutes in hour and minutes.

    (1)   1 hr 20 min
    (2)   1 hr 40 min
    (3)   2 hr 20 min
    (4)   2 hr 40 min

10) Mrs. Singh is 45 years old this year. She is 35 yr 3 mth older than her daughter. How old is her daughter?
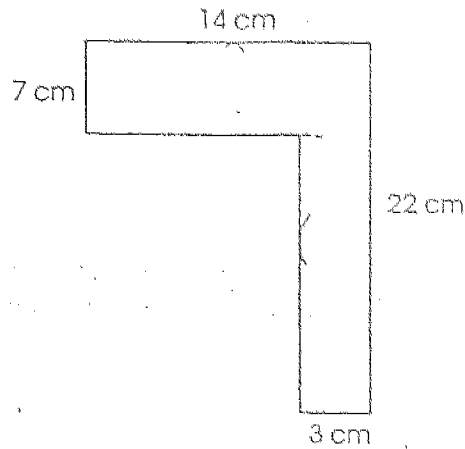
    (1)   9 yr 7 mth
    (2)   9 yr 9 mth
    (3)   10 yr 7 mth
    (4)   10 yr 9 mth

11) Which one of these figures has the most number of right angles inside?

    (1)   A
    (2)   B
    (3)   C
    (4)   D

4

12): Find the perimeter of the figure below.

14 cm

7 cm

22 cm

3 cm

① 46 cm
② 72 cm
③ 74 cm
④ 157cm

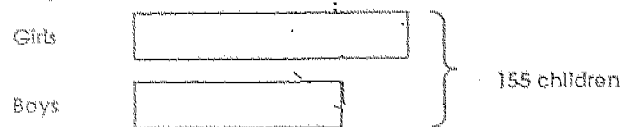13) $8 \times 8 = 8 \times 4 \times$ _____

① 64
② 2
③ 32
④ 4

14). I am a number.
When I am divided by 6, my quotient is 75 and my remainder is 3.
What number am I?

(1) 231
(2) 420
(3) 453
(4) 468

5

15) Michelle used 1 m 4 cm of ribbon to tie 8 presents. If she used an equal length of ribbon for each present, what would be the total length of ribbon required for the 56 presents?

(1) 518 cm
(2) 642 cm
(3) 728 cm
(4) 749 cm

16) There are 15 more girls than boys in a party. How many girls are there?

(1) 70
(2) 85
(3) 100
(4) 140

17) A jug contained 4 ℓ 50 mℓ of juice. Marie poured some of it into 9 bottles. Each bottle has a capacity of 300 mℓ. How much juice is left in the jug?

(1) 1350 mℓ
(2) 1800 mℓ
(3) 2700 mℓ
(4) 2950 mℓ

6

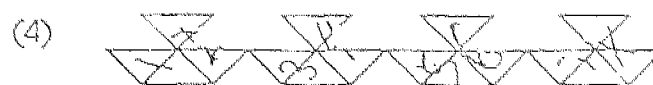18) Arrange these fractions $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{3}$ from the smallest to the biggest.
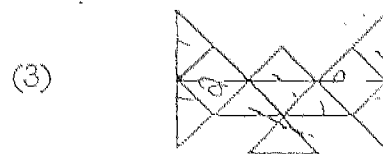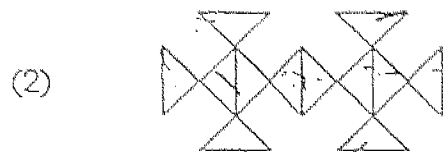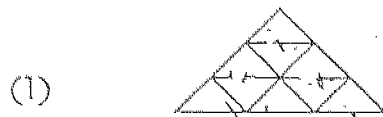
(1) $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$

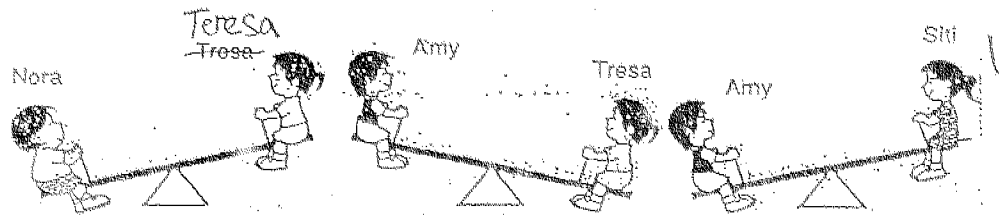(2) $\frac{1}{3}$, $\frac{1}{2}$, $\frac{1}{4}$

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

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

19) Which one of the following figures has an area of 6 square units?

(1)

(2)

(3)

(4)

7

20) Study the diagram below. Arrange the masses of the girls, beginning with the heaviest girl.

(1) Siti, Amy, Teresa and Nora
(2) Nora, Teresa, Amy and Siti
(3) Amy, Nora, Siti and Teresa
(4) Teresa, Siti, Nora and Amy

8

Name: _____ (   )

Class: P 3 (   )

Section B (20 x 2 marks)

For each question, write your answer in the box or blanks provided.

Give your answers in the units stated.

21) Write in words:

8014 _____

_____

22) The biggest 4-digit odd number that can be formed

using the digits 2 , 5 , 1, 0 is _____.

(Each digit can only be used once.)

23) Express $\frac{8}{12}$ in its simplest form.

24) Sally bought $\frac{2}{5}$ kg of beef and Amy bought $\frac{3}{10}$ kg of
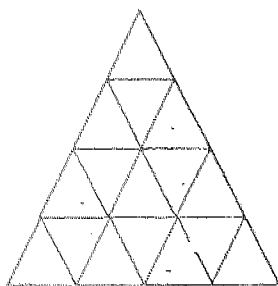
beef. Who bought more beef?

9

25) Divide 732 by 5. The quotient is _____ .

26) Complete the number pattern.
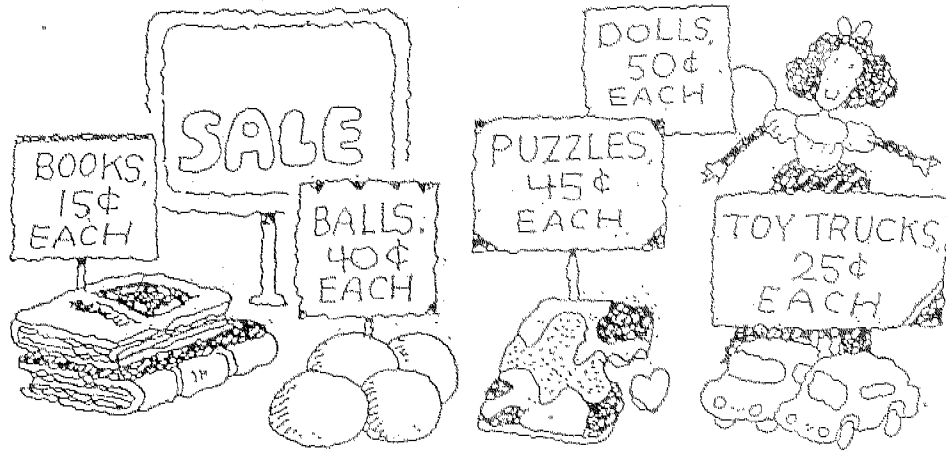
8743 , 8753 , 8773 , 8803 , _____

27) Multiply 34 tens by 7. The answer is _____ .

28) The figure is made up of identical triangles.
How many triangles make up $\frac{1}{8}$ of the figure ?

29) Jane started doing her homework at 8.15 p.m. and she finished it at 10.05 p.m. How long did she take to complete her homework ?

_____ min

10

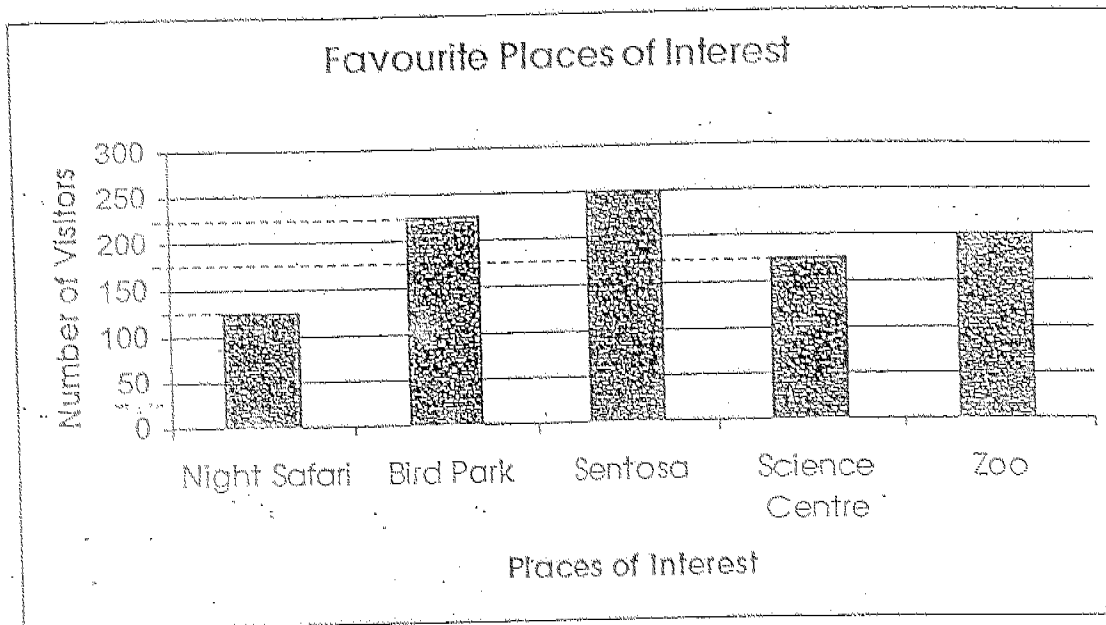Use the following pictures to answer questions 30 & 31.

30) Tommy bought 3 books, 2 trucks and a doll.
How much did he spend at the sale?

$ ____

31) Tommy was given $ 3. What is the maximum number
of puzzles he can buy?

____

32) Paul took 1 hr 30 min to paint his room. He started at
11. 45 a.m. What time did he finish painting his room?

____ p.m.

Use the graph below to answer questions 33 and 34.

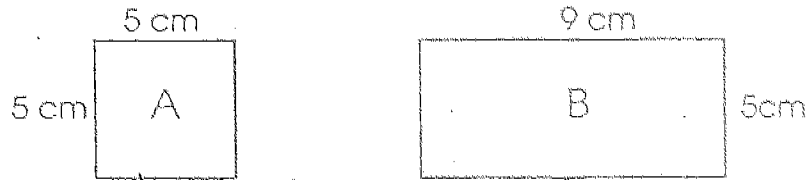**Favourite Places of Interest**

33) What is the number of visitors who had gone to the Zoo ?

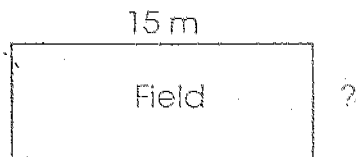34) How many **more** visitors went to Sentosa as compared to the Night Safari ?

35) A plane took 3 h 15 min to fly from Singapore to Bangkok. If the plane arrived in Bangkok at 6.10 p.m., at what time did the plane leave Singapore ?

_____ p.m.

36) What is the difference between the area of square A and the area of rectangle B ?

$$\boxed{}\ cm^2$$

5 cm

5 cm | A |

9 cm

B | 5cm

37) Bobby ran 3 times round a field as shown in the diagram below. He ran a total distance of 138 metres. What is the breadth of the field ?
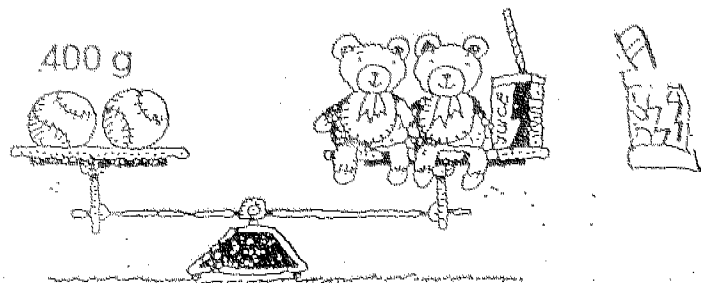
$$\boxed{}\ m$$

15 m

Field | ?

38) ☀ + ▽ + ☺ = 14

☀ + ☺ = 9

If ☺ = 2 , then ▽ + ☺ = ?

$$\boxed{}$$

13

39)

A ⊕ weighs twice as much as a 🧸

If ⊕ ⊕ weigh 400g , what is the mass of the 🥤 ?

	g

40) These squares are formed using toothpicks represented by `——`.
The pattern continues.

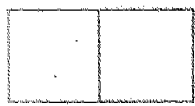Figure 1   Figure 2   Figure 3   • • •   Figure 15

How many toothpicks do you need to make Figure 15 ?

14

SECTION C (5 x 4 marks)

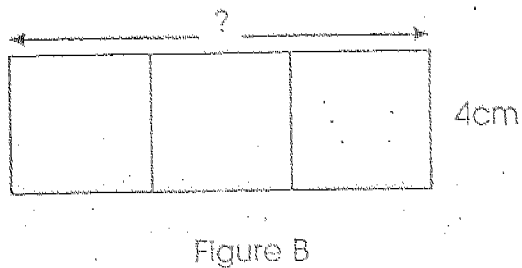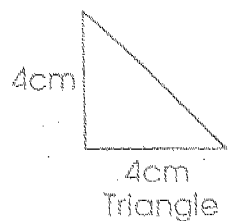For each of the following problems, show all your working and statements clearly in the spaces provided.

41) Mrs. Smith needed to buy 11 m of cloth to sew curtains.
If 3 metres of cloth cost $18, how much would she have
to spend ?

Ans: _____

42) Each boy can carry 3kg of rice and each man can carry
6 kg of rice. There are 18 boys and 204 kg of rice. How many
men are required to carry the remaining rice?

Ans: _____

15

43) The area of the triangle is 8 cm². The area of Figure B is 6 times the area of the triangle . What is the length of Figure B ?

4cm

4cm
Triangle

?

4cm

Figure B

Ans: _____

44) Millie started cleaning her room at 8.15 a.m. She took 2 h 55 min. Then she took a rest before leaving her house at 11.30 a.m. How long did she rest ?

Ans: _____

16

45) In a car park, there were 30 cars and motorcycles. Altogether they had 94 wheels. How many cars were there in the car park?

Ans: _____

End of Paper

17

TAO NAN SCHOOL
PRIMARY THREE MATHEMATICS
END OF THE YEAR EXAMINATION 2004

SA2

1) 1

2) 3

3) 4

4) 2

5) 4

6) 2

7) 3

8) 3

9) 3

10) 4

11) 2

12) 2

13) 2

14) 3

15) 3

16) 2

17) 1

18) 4

19) 2

20) 2

21) eight thousand and fourteen

22) 5201

23) 2/3

24) Sally

25) 146

26) 8843

27) 2380

28) 2

29) 1 h 50 min.

30) $ 1.45

31) 6

32) 1.15

33) 200

34) 125

35) 2.55

36) 20

37) 8

38) 7

39) 200

40) 46

41) $ 66

42) 25 men

43) 12 cm

44) 20 min

45) 17 cars