AI TONG SCHOOL

2004
SEMESTRAL ASSESSMENT 2
PRIMARY 4

MATHEMATICS

DURATION : _____

DATE: 28 OCTOBER 2004

INSTRUCTIONS

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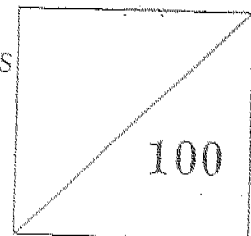Follow all instructions.
Answer all questions.

Name : _____ (   )

Class : Primary _____

Parent's Signature : _____

Date : _____

Marks

100

Section A : (20 x 2 marks)

For each question, choose the correct answer and shade its number (1, 2, 3 or 4) in the OAS provided.

1. What is the value of digit '2' in the product of 474 x 9?

(1) 20 ones   (2) 2 tens

(3) 20 tens   (4) 200 tens   (   )

2. 35 thousands 4 hundreds 20 tens and 6 ones when written in numeral is _____

(1) 35 246   (2) 35 426

(3) 35 606   (4) 5 626   (   )

3. What is the product of the first 2 common multiples of 3 and 9?

(1) 18   (2) 27

(3) 162   (4) 243   (   )

4. 400 ÷ 50 is equal to the product of two numbers. The two numbers are _____ and _____.

(1) 2 and 4   (2) 2 and 6

(3) 4 and 5   (4) 5 and 8   (   )

5. Subtract 62 tens from 18 hundreds. The answer is _____.

(1) 118   (2) 440

(3) 602   (4) 1180   (   )

/ 10 marks

1

6. The difference between 17 tenths and 10 ones is _____.

10

(1) 0.7   (2) 7.0

(3) 8.3   (4) 9.83   (   )

7. $2\frac{1}{4} + 1\frac{3}{100}$ expressed as a decimal is _____.

(1) 3.04   (2) 3.28
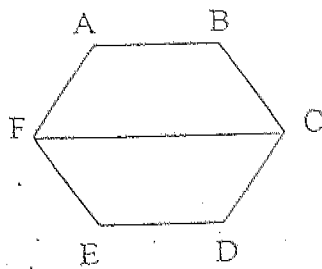
(3) 3.40   (4) 3.53   (   )

8. Which one of the following lines is parallel to BC?

(1) AB   (2) CD

(3) EF   (4) CF   (   )

9. Which of the following figures is not a symmetric figure?

(1)   (2)

(3)   (4)   (   )

/ 8 marks

2

The table below shows the amount of money earned by 3 classes from the Bargain Alley Sale on 2 days. Study it carefully and answer questions 10 and 11.

Day / Class	Saturday	Sunday
6A	S 425	S 490
6B	S 389	S 420
6C	S 445	S 502

10. What is the total amount of money earned by 6B on Saturday and Sunday?

(1) $ 789

(2) $ 809

(2) $ 915

(4) $ 947   (   )

11. How much more money did 6C earn than 6B on Sunday?

(1) $ 20

(2) $ 22

(3) $ 82

(4) $ 122   (   )

12. Express 9ℓ 6 mℓ in milliliters. The answer is _____.

(1) 96mℓ

(2) 906mℓ

(3) 9006mℓ

(4) 9060 mℓ (   )

13. $4\frac{3}{5}$ expressed as an improper fraction is _____.

(1) $\frac{3}{5}$

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

(3) $\frac{20}{5}$

(4) $\frac{23}{5}$ (   )

/ 8 marks

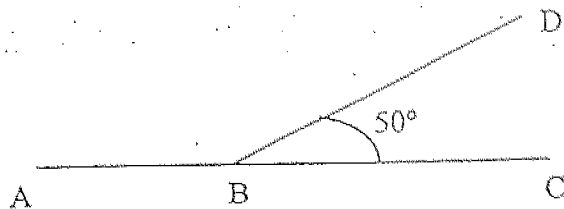14. Mr. Lee had 42 pencils. He gave away $\frac{2}{7}$ of them. How many pencils were left?

(1) 6

(2) 12

(3) 30

(4) 40

( )

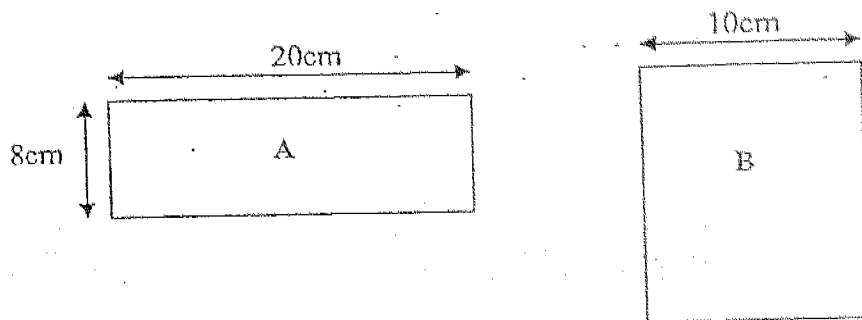15. In the figure below, ABC is a straight line. ∠CBD is 50°. Find ∠ABD.

(1) 30°

(2) 40°

(3) 130°

(4) 200°

( )

16. If the two rectangles have the same areas, what is the length of rectangle B?

(1) 8cm

(2) 16cm

(3) 28cm

(4) 38cm

( )

/ 6 marks
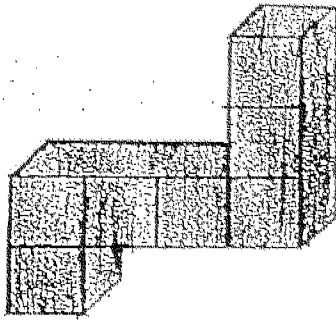
17. What is the sum of 65cents and 95 cents?

(1) $1.60   (2) $ 2.05

(3) $9.50   (4) $10.50   (   )

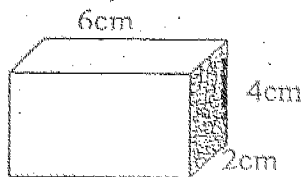18. The volume of the following figure is _____ cubic units.

(1) 7
(2) 14
(3) 20
(4) 30   (   )

19. The volume of the cuboid is _____.

(1) 8cm^3

(2) 12cm^3

(3) 24cm^3

(4) 48cm^3 (.   )

20. Mary is 10years older than Linda. In 5 years time, their total age is 50. How old is Linda now?

(1) 5 years old   (2) 10 years old

(3) 15 years old   (4) 20 years old   (.   )

/ 8 marks

5

Section B : (20 x 2 marks)

For each question, write the correct answer in the blank provided.

21. Multiply 2 864 by 2 tens, the digit _____ is in the ten thousands place.

22. The sixth multiple of 8 is the same as the twelfth multiple of _____.

23. $58\,960 \div 10 =$ _____ x 8

24. The number between 3 864 and 6 650 is _____.

25. The sum of 8 ones, 45 tenths and 200 hundredths is _____.

/ 10 marks

6

26. Divide 2.2 by 8. Round off your answer to the nearest hundredth.

27. Bala bought 3 mangoes and 2 watermelons for $8.25. If 1 watermelon costs $2.50, how much would he have to pay if he buys 6 mangoes and 5 watermelons?

S

The table below shows the number of cars sold by a company. Study it carefully and answer questions 28 and 29.
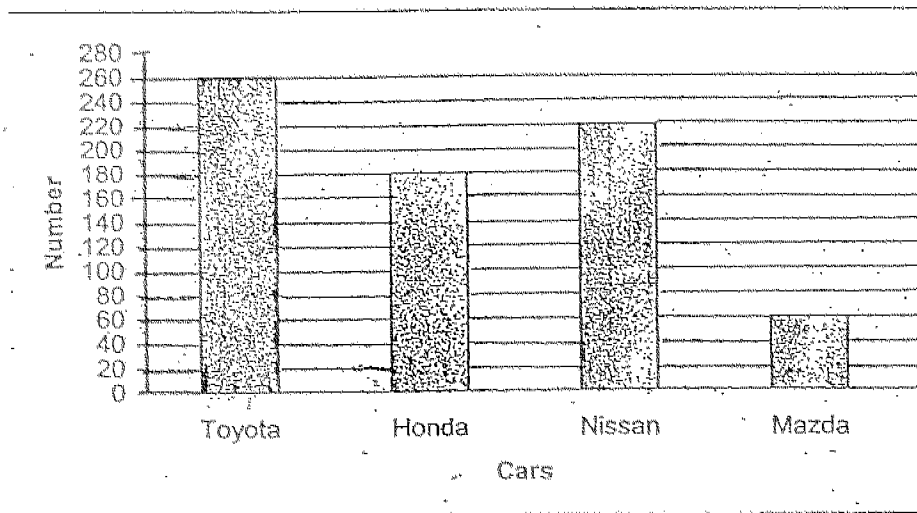
28. How many more Toyota cars were sold than Nissan cars?

29. How many more Mazda cars must be sold so that the number of Mazda cars sold would be $\frac{4}{9}$ that of the Honda cars?

/ 8 marks

30. Mdm Tan cuts 2m 52cm of string into 4 equal pieces. What is the length of each piece?

	cm

31. Kelvin left his house at 6.30am. If he had to travel for 35mins, what time would he reach school?

	am

32. Mrs. Lee has 30m of cloth. She used 16m to make 5 shirts and the remainder to make 4 pairs of pants. How much cloth was needed to make 2 shirts and 2 pairs of pants? Express your answer in metre.

	m

33. Mrs. Wong bought 300g of flour. She used $\frac{2}{5}$ of it to bake a cake and $\frac{1}{3}$, the remainder to bake a pie. How many grams of flour did she use?

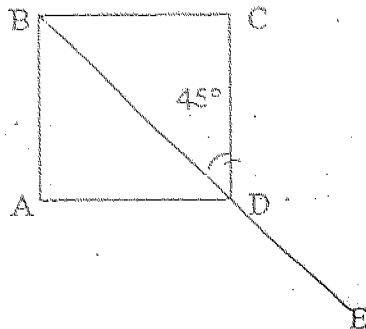|	g

34. Fill in the missing whole numbers in the boxes below.

$$\frac{3}{7} = \frac{\Box}{21} = \frac{21}{\Box}$$

	/ 10 marks

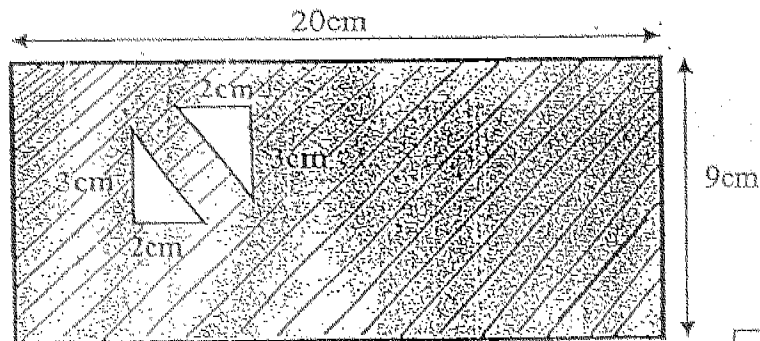35. There are 42 pupils in a class. $\frac{1}{3}$ of the pupils are boys. How many more girls than boys are there?

more girls

36. A number is 60 plus $\frac{1}{4}$ of its value. Find the number.

37. ABCD is a square. BDE is a straight line. ∠BDC is 45°. What is ∠ADE?

∠ADE = ___ °

38. Find the area of the shaded region of the figure below.

20cm

2cm

3cm

3cm

2cm

9cm

cm²

/ 8 marks

39. A rectangular box measuring 12cm by 8cm by 6cm is filled with 2-cm cubes. How many cubes can fit inside?

12cm

8cm

6cm

| | cubes |
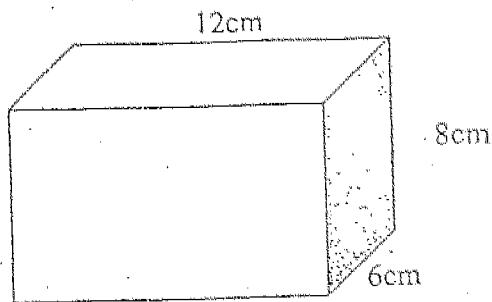
40. A story book costs $6.00. A dictionary costs thrice as much as the story book. What is the total cost of the story book and the dictionary?

| $ | |

| | / 4 marks |

Section C : (5 x 4 marks)

Work out these problems carefully. Show your workings and statements clearly.

41. Dolly baked 2 480 apple strudels in a month. Renaldo baked twice as many apple strudels as Ritz. If Ritz baked 362 fewer than Dolly, how many apple strudels did Renaldo bake in a month?

42. Michael swam in the 100m Butterfly event and clocked a timing of 51.25 seconds. Ian came in 0.04 seconds later than Michael. Geoffrey was slower than Ian by 1.27 seconds.

(a) How fast did Ian swim?

(b) How much slower was Geoffrey's timing than Michael's?

/ 8 marks

43. Peter spent $2.00 on Monday, $1.40 on Tuesday and $0.60 each day from Wednesday to Friday.

(a) How much did he spend from Wednesday to Friday?

(b) How much did he have at first if he had $5.00 left?

44. Jane is 7kg heavier than Lili. Matthew is 4kg heavier than Jane. The total mass of the three children is 93kg. What is the mass of Jane?

/ 8 marks

45. Karen used $\frac{1}{2}$ of a packet of sugar for a cake. If she used another 90g of the sugar for another cake, she would have used $\frac{3}{4}$ of the packet of sugar.

(a) Find the mass of half packet of the sugar.

(b) Find the mass of the packet of sugar at first.

/ 4 marks

13

1) 3

2) 3

3) 3

4) 1

5) 4

6) 3

7) 2

8) 3

9) 2

10) 2

11) 3

12) 3

13) 4

14) 3

15) 3

16) 2

17) 1

18) 1

19) 4

20) 3

21) 5

22) 4

23) 737

24) 5257

25) 14.5

26) 0.28

27) $ 19

28) 40 more

29) 20 more

30) 63

31) 7.05

32) 13.4

33) 180

34) 9

49

35) 14

36) 80

37) 135°

38) 174

39) 72

40) $ 24.00

41) 4236 apple strudels.

42) a) 51.29 s

b) 1.31 s

43) a) $ 1.80   b) $10.20

44) 32 kg

45) a) 180 g   b) 360 g