AI TONG SCHOOL

CA2

2004

CONTINUAL ASSESSMENT 2

PRIMARY 4

MATHEMATICS

DURATION : <u>1 hour 45 minutes</u>

DATE: 24 AUGUST 2004

INSTRUCTIONS

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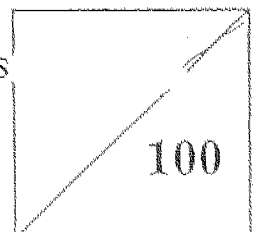Answer all questions.

Name : _____ ( )

Class : Primary _____

Parent's Signature : _____

Date : _____

Marks

100

SECTION A: (20 x 2 marks)
Choose the correct answer for each question and shade its number in the OAS provided with a 2B pencil.

1. Subtract 200 tens from 50 hundreds _____.

   (1) 30   (2) 300
   (3) 3000   (4) 30 000   (   )

2. The value of the digit '7' in 67 584 is _____ tens.

   (1) 7   (2) 70
   (3) 700   (4) 7 000   (   )

3. How many multiples of 9 less than 72 are odd numbers?

   (1) 2   (2) 3
   (3) 4   (4) 5   (   )

4. When the product of 752 and 8 is divided by 4, the answer is _____.

   (1) 190   (2) 1 504
   (3) 1 540   (4) 6 016   (   )

5. Mr Chan had 400 ping-pong balls. He gave 2 ping-pong balls to each of his 40 pupils and kept the rest into 4 containers. How many ping-pong balls are there in each container?

   (1) 25   (2) 80
   (3) 90   (4) 100   (   )

6. Express $3\frac{9}{5}$ m in cm.

   (1) 308 cm   (2) 318 cm
   (3) 380 cm   (4) 480 cm   (   )

7. $5\frac{2}{3} = \dfrac{102}{\square}$. What is the missing denominator in the box?

(1) 3   (2) 18

(3) 34   (4) 68   (   )

8. Brandon completed writing his composition in 48 minutes. What fraction of an hour was it?

(1) $\dfrac{5}{6}$ (2) $\dfrac{4}{5}$

(3) $\dfrac{7}{10}$ (4) $\dfrac{2}{3}$ (   )

9. 720° can be formed by _____ right angles.
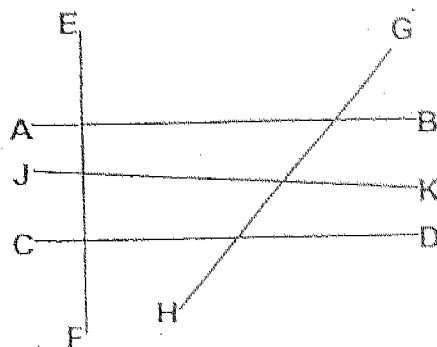
(1) 8   (2) 6

(3) 4   (4) 2   (   )

10. $\dfrac{2}{5}$ of $\angle y$ is equal to $\dfrac{1}{4}$ of a complete turn. $\angle y$ is _____.

(1) 225°   (2) 90°

(3) 72°   (4) 45°   (1)

11. Line AB is parallel to _____.

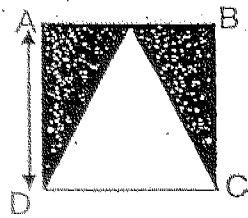(1) CD   (2) EF

(3) GH   (4) JK   (   )

12. In a school annual NAFA test, Jack ran round a rectangular track 3 times and completed the 1800 m run. What is the length of the track, if given the breadth is 60 m?

(1)	840 m	(2)	240 m
(3)	30 m	(4)	10 m

(   )

13. ABCD is a square. The area of the shaded part is 32 cm². What is the length of AD?

(1)	4 cm	(2)	8 cm
(3)	16 cm	(4)	64 cm

(   )

14. There are _____ hundredths in 0.68.

(1)	6	(2)	8
(3)	60	(4)	68

(   )

15. $5\frac{7}{20}$ expressed as a decimal is _____.

(1)	5.27	(2)	5.72
(3)	5.35	(4)	5.53

(   )

16. The number between 2.09 and 3.39 is _____.

(1)	2.73	(2)	2.74
(3)	2.75	(4)	2.76

(   )

Section B: (20 X 2 marks)
For each question, write the correct answer in the blank provided.

21.   88 880 is _____ x 2 more than 88 000.

22.   What is the sum of 20 thousands 5 hundreds and
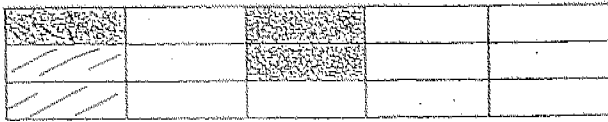   20 hundreds 18 tens?

23.   Subtract 10 from the sum of the fifth multiple of 7 and the
       eighth multiple of 8.

24.   When a number is divided by 6, its gives a quotient of
       312 and a remainder of 5. What is the number?

25.   Find the value of $\frac{5}{8}$ of 72?

10
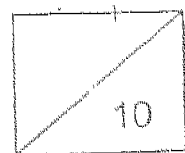
26. The figure below is made up of 15 rectangles. How many more rectangles need to be shaded so that $\frac{2}{3}$ of the figure remains unshaded?

27. Jenny is 14 years old. She is $\frac{1}{3}$ her mother's age.
How old was her mother 5 years ago?

_____ years old

28. Mr Tan painted $\frac{1}{5}$ of his fence while his son painted $\frac{1}{4}$ of the remaining fence. What fraction of the fence remained unpainted?

The table below shows the amount of money collected by various stalls at a funfair. Use the table to answer questions 29 and 30.

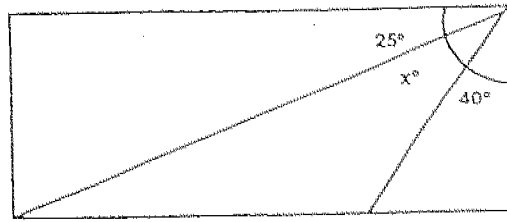| Types of Stalls	Amount collected
Music	$255
Games	$600
Handicraft	$235
Food	$988

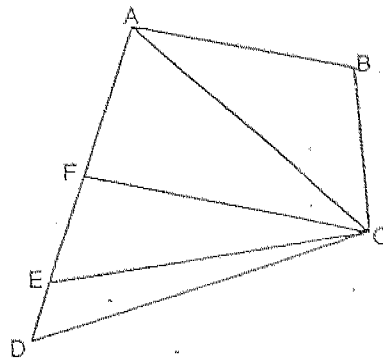29. How much more money was collected at the food stall than at the games stall?

$ _____

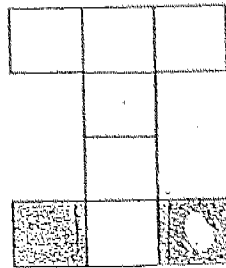30. What was the total amount collected at the fun fair?

$ _____

31. In the rectangle below, not drawn to scale, find ∠x.

[°]

```
         25°
            x°
               40°
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32. In the following figure, ABCDEF, write down the pair of line which is parallel to line AB?

[ ]

```
        A
            B
   F
         C
  E
 D
```
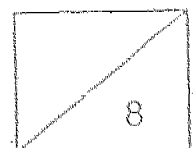
For Question 33 and Question 34, refer to the figure below. The figure below is made up of similar squares. Each side of the square is 3 cm.

33. Find the area of the figure.

[cm²]

34. If two of the shaded squares are removed, find the perimeter of the new figure.

[cm]

[8]

7

35. Express $\frac{2}{10} + \frac{34}{100} + \frac{57}{1000}$ as a decimal.

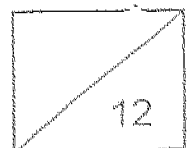36. What number is 0.04 less than 5.1?

37. Round off the sum of 17.68 and 29.27 to 1 decimal place.

38. Subtract 25 tenths from 237.61. The answer is _____.

39. The total length of 5 similar poles is 3.95m.
What is the total length of 6 such poles?

m

40. Peter weighs 38.7kg. Johnny is 4.7 kg heavier than Peter.
How much do they weigh altogether?

kg

12

8

41.   Johnson paid $180 for a Gameboy and 3 cartridges. If the Gameboy cost
   twice as much as the cost of 3 cartridges, find the cost of each cartridge.

42   Mr Mass weighs 95 kg. His brother is $\frac{3}{5}$ his weight while his sister is

        $\frac{3}{10}$ (his) weight. What is the total weight of Mr Mass and his two siblings?

8

43. There are 90 button magnets in a container. $\frac{1}{3}$ Of them are red and the rest are blue. When more red button magnets are placed into the container, the fraction of the red button magnets increased to $\frac{4}{7}$.

   a)   How many of each coloured button magnets are there in the container?

   b)   How many new red button magnets were placed into the container? at first

(44) The floor of a rectangular room, which is 15m by 12m, is to be carpeted leaving a margin of 1.5m around it. Find the cost of laying the carpet if 1 square metre of carpet costs $14.00.

15m

1.5m

12m

1.5m
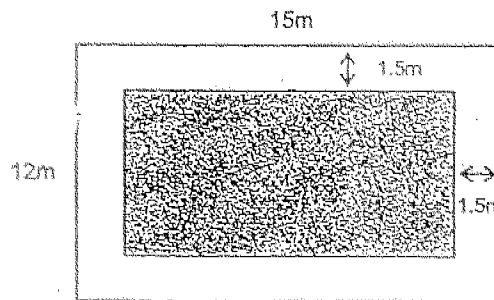
45. Jenny has 3 strings of different lengths. The green string is 0.55m longer than the red string which measures 2.66m. If the length of the blue string is half of that of the green one, find the total length of the three ribbons. *Round off your answer to 1 decimal place.*

4
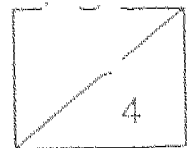
End of Paper
Have you checked your work?

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CA2

1) 3	28) 3/5
2) 3	29) $ 388
3) 3	30) $ 2078
4) 2	31) 25
5) 2	32) FC
6) 4	33) 72
7) 2	34) 42
8) 2	35) 0.597
9) 1	36) 5.06
10) 1	37) 47.0
11) 1	38) 235.11
12) 2	39) 4.74
13) 2	40) 82.1
14) 4	41) $ 20
15) 3	42) 180.5 kg
16) 2	43) a) 30 red button magnet and 60 blue button magnet
17) 3	b) 50 new red button magnets
18) 4	44) $ 1512
19) 2	45) 7.5 m
20) 4	
21) 440	
22) 22680	
23) 89	
24) 1877	
25) 45	
26) 2	
27) 37	