CAL

Name: __ _____ ___ ( )   Marks: /100

Class: Primary 4 ( )   Duration: 1 hr 45 min

Parent's Signature: _____

Section A

Questions 1 to 15 carry two marks each. For each question, four choices are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval (1, 2, 3 or 4) on the Optical Answer Sheet.

(Total: 30 marks)

1.   Find the sum of 561 and 436.
     Give your answer to the nearest 100.

     (1) 900   (2) 990
     (3) 997   (4) 1 000   (   )

2.   The sum of all the common factors of 8 and 24 is
     _____ .

     (1) 6   (2) 7
     (3) 14   (4) 15   (   )

3. $6\frac{4}{9} = 4 + \dfrac{\square}{9}$

     (1) 22   (2) 18
     (3) 6   (4) 4   (   )

1

4.. There were 2 400 spectators in a stadium. $\frac{3}{8}$ of them were children. $\frac{1}{3}$ of the children were boys. Find the number of boys in the stadium.
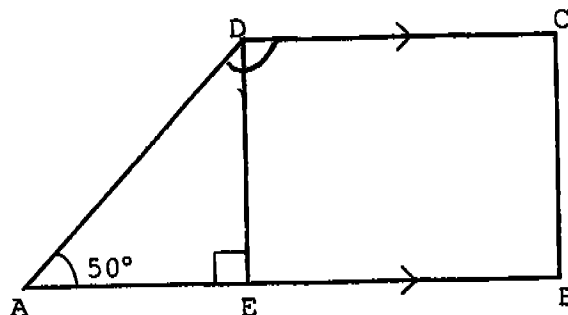
(1) 300   (2) 800
(3) 900   (4) 1 500   (   )

5. The table below shows Caili's savings from January to April. She saved a total of $990 during these 4 months. The amount of money saved in February was as much as that saved in March. How much did she save in March?

Month	Savings
January	$238
February	?
March	?
April	$262

(1) $ 245   (2) $ 254
(3) $ 490   (4) $ 500   (   )

6. ABCD is a trapezium. ∠DAE is 50°. Find ∠ADC.
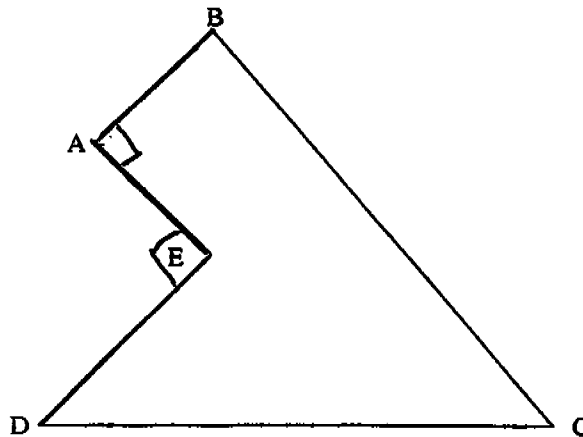

(1) 40°   (2) 90°
(3) 130°   (4) 140°   (   )

2

7. Rizal bent a piece of wire into a parallelogram as shown below. Later, using the same piece of wire, he bent it into an equilateral triangle. Find the length of each side of the equilateral triangle.
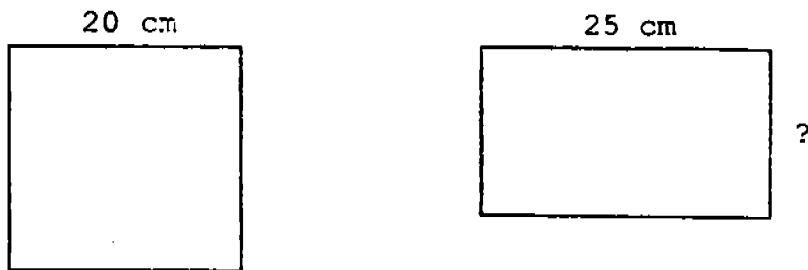
14 cm

7 cm
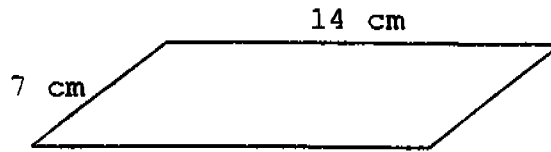
(1)   7 cm   (2)   14 cm
(3)   21 cm   (4)   42 cm   (   )

8. In the figure below, which two lines are perpendicular to AE?

B

A

E

D   C

(1)   AB & BC   (2)   DE & CD
(3)   BC & CD   (4)   AB & DE   (   )

9. The square and the rectangle shown below have the same area. Find the breadth of the rectangle.

20 cm

25 cm

?

(1) 8 cm   (2) 10 cm
(3) 15 cm   (4) 16 cm   (   )

10. Which digit in 268.1053 is in the <u>tenths</u> place?

(1) 6   (2) 5
(3) 3   (4) 0   (   )

11. 32 tenths and 2 hundredths written as a <u>decimal</u> is

(1) 0.322   (2) 3.22
(3) 30.02   (4) 232.0   (   )

12. The sum of 9.805 and 0.19 is

(1) 8.615   (2) 9.786
(3) 9.824   (4) 9.995   (   )

4

13. The difference in value between the digit '9' in 6.938 and 0.389 is

(1) 0.81   (2) 0.891
(3) 6.549   (4) 7.327   (   )

14. David spent one and half hours practising on the piano every day except on Saturdays and Sundays. How long did he practise in a week?

(1) 6 h 50 min   2) 7 h 30 min
(3) 9 h 10 min   4) 10 h 30 min   (   )

15. The total mass of 8 packets of salt is 4 kg 40 g. Each packet has the same mass. What is the mass of each packet of salt?

(1) 55 g   (2) 505 g
(3) 3232 g   (4) 32320 g   (   )

P4 Mathematics CA2 2004

Name: _____ (   )   Pr 4 (   )

<u>Section B</u>
Questions 16 to 40 carry 2 marks each.
Write your answers in the blanks provided.

(Total: 50 marks)

16.   Subtract 26 tens from 35 hundreds.

17.   Round off 578 to the nearest 10 and 352 to the nearest 100. Then find their sum.

18.   An odd number between 5 and 12 is a multiple of 3 and a factor of 18. What is the number?

19.   The mass of Cindy is 14 kg. Her brother is 3 times as heavy as she. What is the mass of her brother?

20. At a camp, some girls and boys were grouped into teams. In each team, there were 10 girls and 6 boys. If there were 102 boys, find the number of girls.

21. What is the missing number in the box?

$$
17 \overline{\smash{)} \quad\rule{0pt}{1em}\quad} \;^{2\ 7\ 0\ R\ 6}
$$

22. Muthu had $\frac{2}{5}$ kg of longans. Tami had $\frac{3}{4}$ kg of longans more than Muthu. How many kilograms of longans did both of them have in all? (Give your answer in its simplest form)

	kg

23. A piece of cloth is $\frac{7}{8}$ m long. After using a certain length of the cloth to sew a skirt, $\frac{5}{16}$ m of the cloth is left. Find the length of cloth used to sew the skirt. (Give your answer in its simplest form).

	m

7

24. Find the difference between $8\frac{1}{3}$ and $6\frac{1}{2}$.

25. The graph below shows the test score of 3 pupils for English and Mathematics. Study it carefully and answer Questions 25(a) and (b).
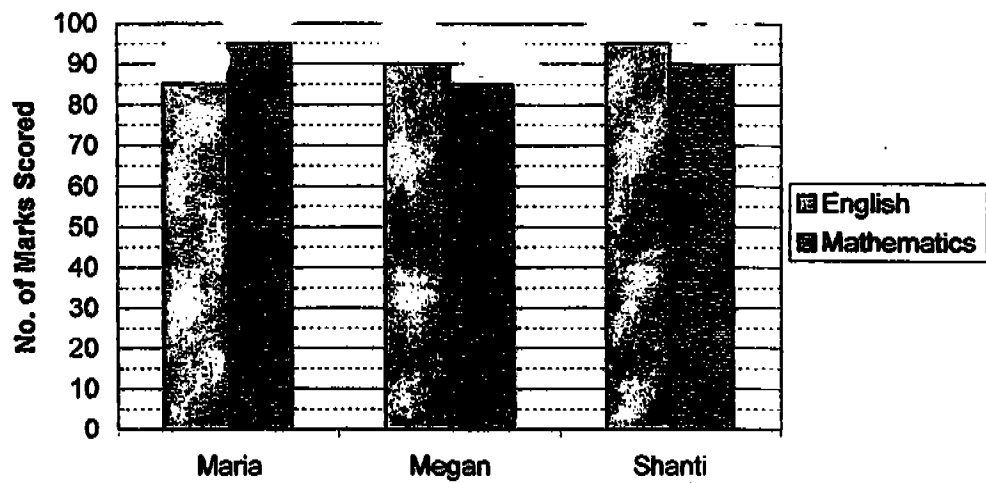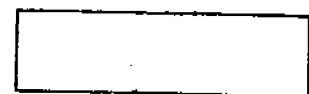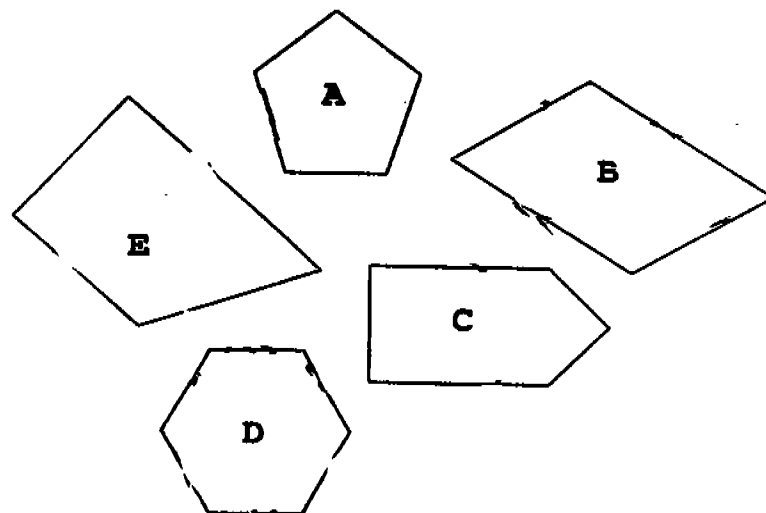

(a) Who scored the highest total for the two subjects?
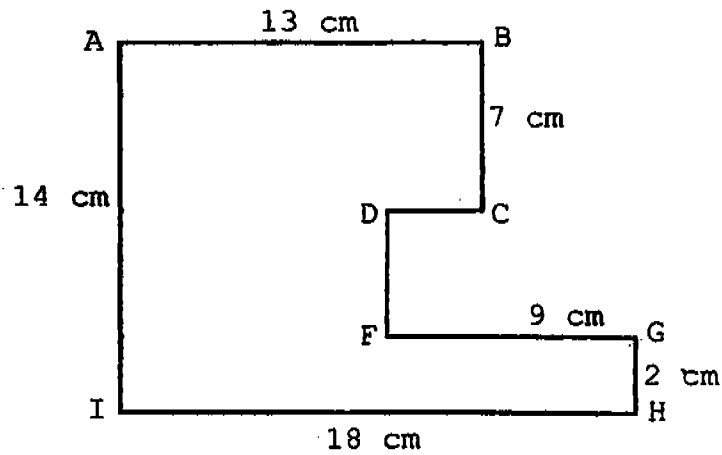
(b) For English, who scored 10 fewer marks than Shanti?

26. Join one of the marked end points of the line given below to the correct dot marked 'X' to show ∠VWX = 135°.

X•
   •X

•X

X•

W

V
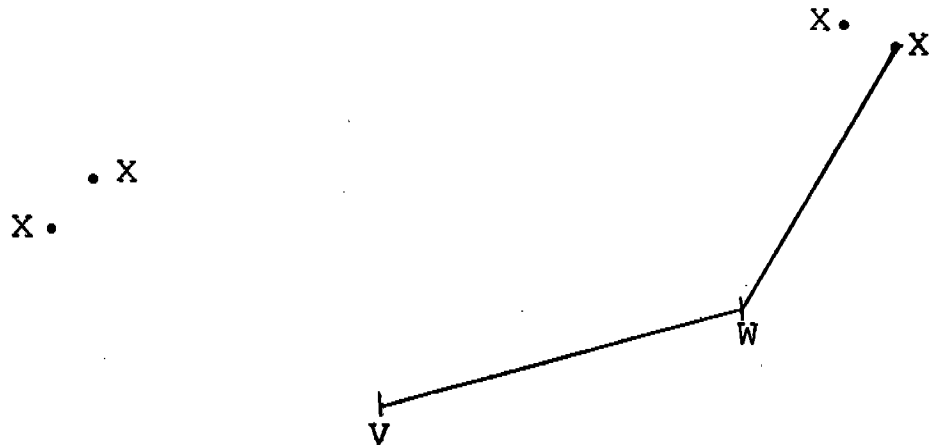
27. I am a quadrilateral with only one pair of parallel lines. Which one of the following figures can I be?
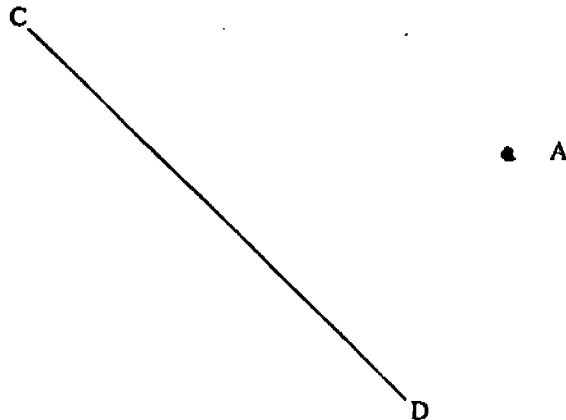
A

E

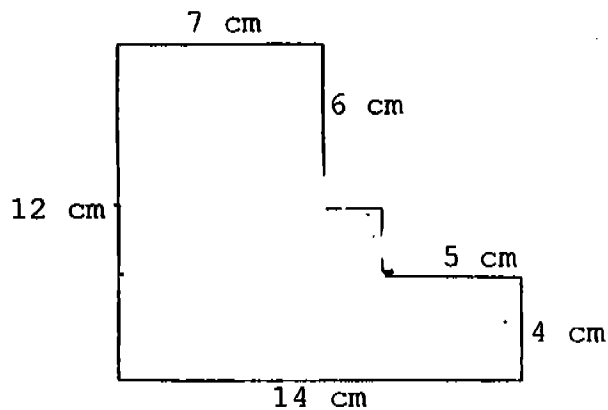B

C

D

28. Find the perimeter of the figure shown below.

A —— 13 cm —— B
| |
14 cm   7 cm
| D —— C
| |
| F —— 9 cm —— G
| |
| 2 cm
I —— 18 cm —— H

```
┌──────────────────┐ cm
│                  │
└──────────────────┘
```

29. Using a ruler and a set square, draw a line that is parallel to CD passing through A.

C
  \
   \
    \
     \
      \   • A
       \
        \
         \
          \
           D

30. Find the area of the figure shown below.

7 cm
| |
| 6 cm
| |
12 cm
| ⌐‾ ⌐
| | 5 cm
| | |
| | 4 cm
| |
—— 14 cm ——

```
┌──────────────────┐ cm²
│                  │
└──────────────────┘
```

31. A piece of cardboard measuring 50 cm by 30 cm has its 4 corners' cut off as shown in the diagram below. Find its new perimeter

50 cm

30 cm

	cm
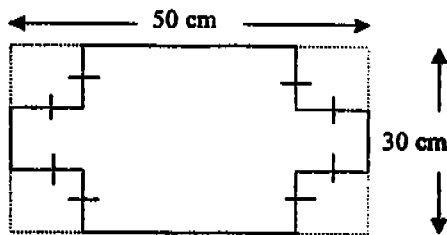
32. Complete the following number pattern.

_____, 8.650, 8.644, 8.638, _____, 8.626

33. Express $6\frac{1}{8}$ as a decimal. Round off your answer to 2 decimal places.

34. The mass of John is 30.85 kg. Lynn is 20.8 kg heavier than John. What is the total mass of the two children? (Round off your answer to the nearest kg)

kg

11

35. Mrs Wong paid $81.90 for a skirt and 3 blouses. If a skirt cost 3 times as much as a blouse, what was the cost of the skirt?

$

36. Peiyin bought 8 rackets. Each racket cost $14.35. How much did Peiyin give to the cashier if she received $5.20 as change?

$

37. Mrs Lim works in a supermarket. She works 5 hours 30 minutes every day. How many hours will she work in a week?

h

38. A ribbon, 8 m 70 cm long was cut into 2 pieces. If the longer piece was twice as long as the shorter piece, what was the length of the longer piece?

m   cm

39. A box which is filled with 10-cent coins weighs 900 g. The empty box weighs 40 g. If each coin weighs 10 g, how much money is there in the box?

$$\boxed{\$ \qquad\qquad}$$

40. When Ali is 10 years old, his father is 4 times as old as he. How old will Ali be when his father is 3 times as old as he?

$$\boxed{\qquad\qquad \text{years old}}$$

Section C

Questions 41 to 45 carry 4 marks each. Do these word problems carefully. Show your working in the space provided. (Total: 20 marks)

41. Jiaxi and Mala baked an equal number of muffins each. After baking, Jiaxi ate 3 of her muffins while Mala gave 35 of her muffins to her neighbour. Then, Jiaxi had 3 times as many muffins as Mala. How many muffins did Jiaxi bake at first?

42. Alex has $84 more than the total amount of money Ben and Calvin have. Ben has twice as much money as Calvin. If Alex has $150, how much money does Ben have?

43. Yasmin had 49 t-shirts. She sold $\frac{5}{7}$ of them at $13 each. She sold the remaining t-shirts at another price. She collected $581 for all the 49 t-shirts. How much did she sell each of the remaining t-shirts if she sold them at the same price?

44. The graph below shows the number of eggs sold by Uncle Chan in a week. Study it carefully and answer the questions that follow.
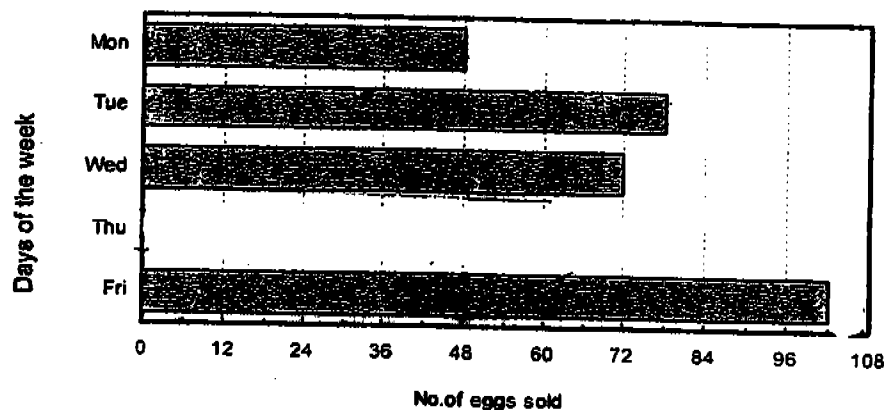
(a) If the number of eggs sold on Thursday was $\frac{1}{2}$ of the total number of eggs sold on Monday and Wednesday, find the number of eggs Uncle Chan sold on Thursday. Then, complete the graph above.

(b) Uncle Chan sold all the eggs at 10 eggs for $2. How much did he collect that week?

45. A square piece of paper was folded thrice as shown in the diagram. If the dimensions of the paper after the third fold were as shown, find the area of the original piece of paper.
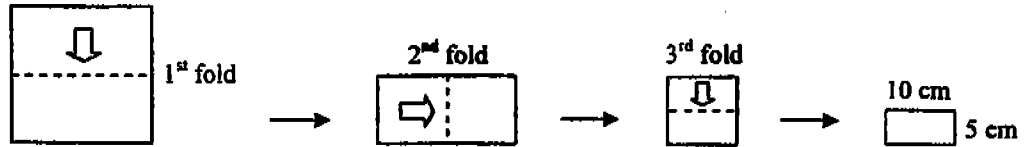
NANYANG PRIMARY SCHOOL
SECOND CONTINUAL ASSESSMENT 2004
MATHEMATICS
PRIMARY FOUR

1) 4

2) 4

3) 1

4) 1

5) 1

6) 3

7) 2

8) 4

9) 4

10) 4

11) 2

12) 4

13) 2

14) 2

15) 2

16) 3240

17) 980

18) 9

19) 42

20) 170

21) 4596

22) 1 11/20

23) 9/16

24) 1 5/6

25) Shanti

   b) Maria

26)

27) E

28) 72

29)

30) 116

31) 160

32) 8.656

33) 6.13

34) 83

35) 40.95

36) 120

37) 38 1/2

38) 5 m 80 cm

39) 8.60

40) 15

41) 51 muffins

42) $ 44

43) $ 9

44) a) 60 eggs

    b) $ 73.40

45) 400 cm^2