



SA2

AI TONG SCHOOL

2005

SEMESTRAL ASSESSMENT 2

PRIMARY 4

MATHEMATICS

DURATION : 1 h 45 min

DATE: 25 October 2005

INSTRUCTIONS

Do not open the booklet until you are told to do so.

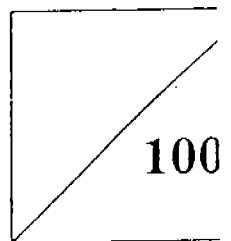
Follow all instructions.

Answer all questions.

Name : _____ ()

Class : Primary 4 _____

Marks:



Parent's Signature	: _____
Date	: _____

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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. $48\ 651 = 40\ 000 + \square + 600 + 50 + 1$

What is the missing number in the box?

(1) 8

(2) 80

(3) 800

(4) 8000

2. The common factor of 36 and 60 is _____.

(1) 6

(2) 9

(3) 10

(4) 14

3. The sum of the values of the **digit 5** in 59 612 and 48 503 is _____.

(1) 50 500

(2) 5 500

(3) 5 050

(4) 550

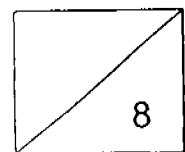
4. The product of 136 and 28 when rounded off to the nearest 10 is _____.

(1) 3 800

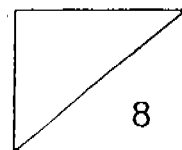
(2) 3 810

(3) 27 200

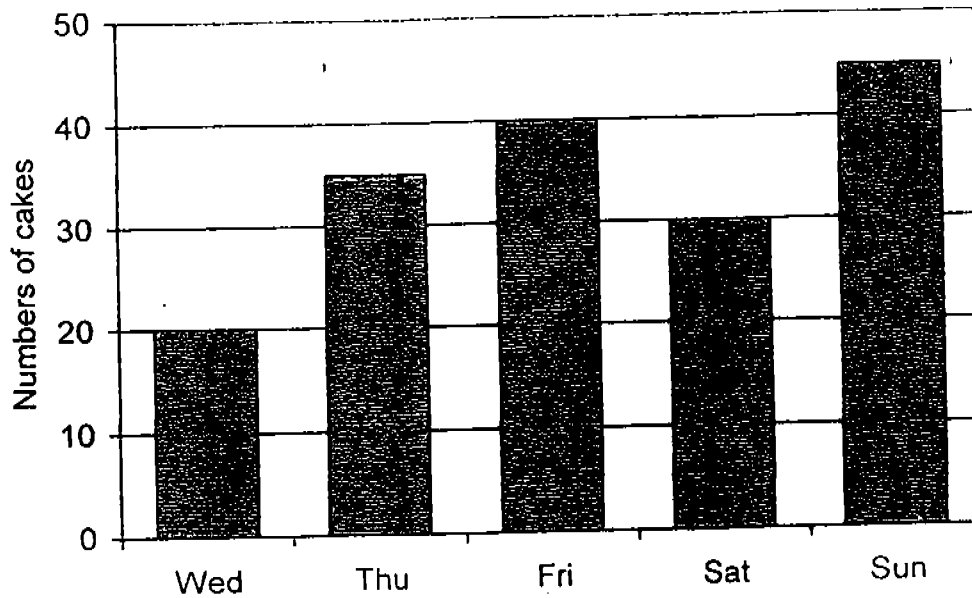
(4) 27 210



5. 10 lampposts are put in a row at equal distances. The distance between the first and fourth lamppost was 36 m. Calculate the distance between the first and the tenth lamppost.
- (1) 81 m
(2) 90 m
(3) 108 m
(4) 120 m
6. Estimate the height of the teacher's table in the class.
- (1) 40 cm
(2) 70 cm
(3) 1 m 50 cm
(4) 2 m 10 cm
7. $8 \text{ kg } 6 \text{ g} = \underline{\hspace{2cm}} \text{ g}$
- (1) 806
(2) 8 006
(3) 8 060
(4) 8 600
8. The total capacity of a flask and a jug is 5 l 40 ml. The capacity of the jug is 2 l 80 ml. How much water does the flask hold?
- (1) 3 l 960 ml
(2) 3 l 920 ml
(3) 2 l 960 ml
(4) 2 l 920 ml



The bar graph shows the number of cakes sold by Mr Lee from Wednesday to Sunday. Study it carefully and answer questions 9 and 10.

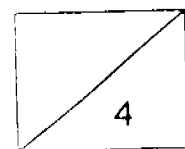


9. On which day did Mr Lee sell the least number of cakes?

- (1) Wednesday
- (2) Thursday
- (3) Friday
- (4) Saturday

10. How many cakes did he sell on the first 3 days?

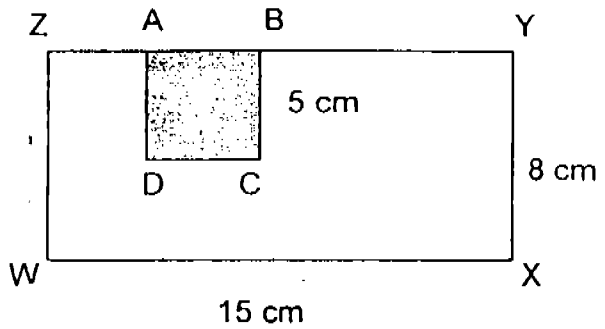
- (1) 55
- (2) 95
- (3) 125
- (4) 165



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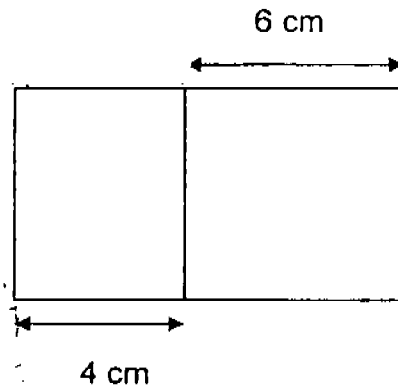
11. In the figure, square ABCD is cut off from rectangle WXYZ. Find the perimeter of the unshaded figure.

- (1) 20 cm
 (2) 46 cm
 (3) 56 cm
 (4) 61 cm



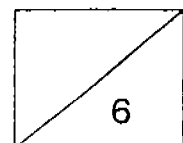
12. The figure shows a square of side 6 cm and a rectangle of breadth 4 cm. Find the total area of the figure.

- (1) 16 cm²
 (2) 32 cm²
 (3) 36 cm²
 (4) 60 cm²

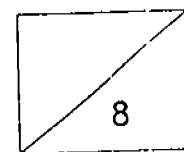


13. 2 boys share 3 pizzas equally. Each boy gets _____.

- (1) 1 pizza
 (2) $\frac{2}{3}$ pizza
 (3) $1\frac{1}{2}$ pizzas
 (4) $1\frac{2}{3}$ pizzas



14. A cup is $\frac{1}{4}$ full of milk. The milk is then poured into an empty jug which has a volume twice that of the cup. What fraction of the jug is filled with milk?
- (1) $\frac{1}{8}$
- (2) $\frac{1}{2}$
- (3) $1\frac{3}{4}$
- (4) $2\frac{1}{4}$
15. A man gave $\frac{5}{8}$ of his money to his wife and kept the rest. If he had \$900, how much money did he give to his wife?
- (1) \$300
- (2) \$540
- (3) \$1 500
- (4) \$2 400
16. I exchange a \$10 note for 50 coins. All the coins have the same value. What is the value of each coin?
- (1) 5 ¢
- (2) 10 ¢
- (3) 20 ¢
- (4) 50 ¢
17. Which one of the following numbers is the smallest?
- (1) 0.7
- (2) 0.42
- (3) 0.084
- (4) 0.105

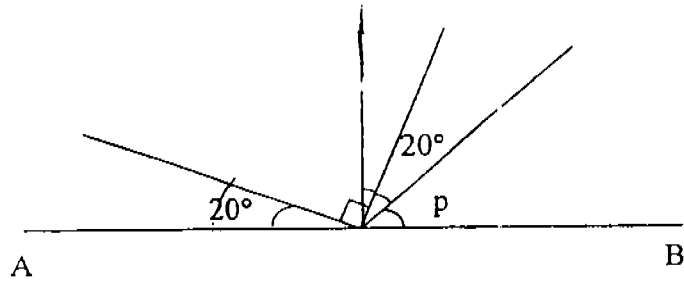


18. Siti worked 7 hours and was paid \$24.15. How much would she be paid if she worked 8 hours?

- (1) \$25.80
- (2) \$26.50
- (3) \$27.60
- (4) \$28.40

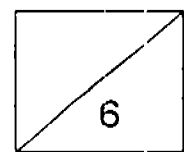
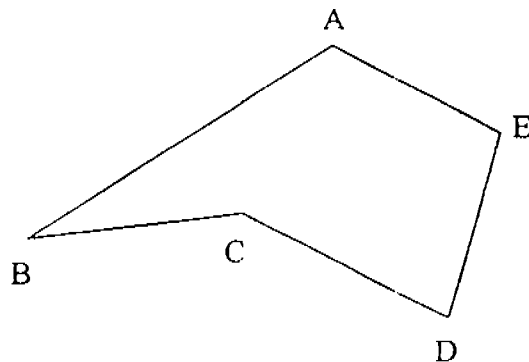
19. In the figure, AB is a straight line. Find $\angle p$.

- (1) 40°
- (2) 50°
- (3) 60°
- (4) 70°



20. There is only one pair of parallel lines in the figure. They are _____.

- (1) AB and AE
- (2) AB and ED
- (3) BC and CD
- (4) AE and CD



Section B: (20 X 2 marks)

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

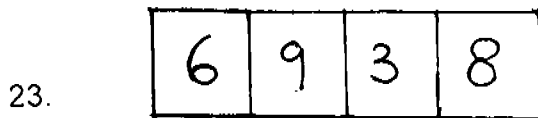
21. $\times 7 = 4\,000 + 214$

The missing number in the box is _____.

Answer: _____

22. Find the value of $2\,976 \times 5 =$ _____

Answer: _____



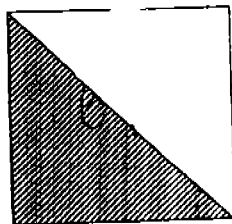
Using the numbers in the box above, form the largest four-digit **even** number.

Answer: _____

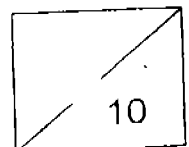
24. The area of a rectangle is 63 cm^2 .
The length of the rectangle is 9 cm .
Find the perimeter of the rectangle.

Answer: _____ cm

25. The figure shows a square. The area of the shaded part is 32 cm^2 .
Find the side of the square.



Answer: _____ cm



26. At the zoo, the feeding time for the lions was at 11.15 a.m.
The polar bears were fed 2 h 50 min later.
At what time were the polar bears fed?

Answer: _____ p.m.

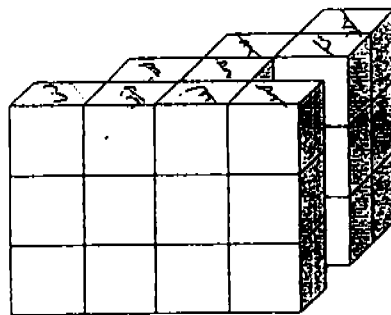
27. Lily is 14 yr 4 mth old.
Her brother is 2 yr 8 mth younger.
How old will her brother be in 5 years' time?

Answer: _____ yr _____ mth

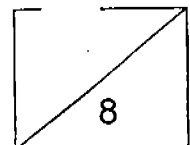
28. A piece of ribbon 6 m 80 cm long was cut into 2 pieces.
The longer piece was 3 times as long as the shorter piece.
What is the length of the longer piece?

Answer: _____ m _____ cm

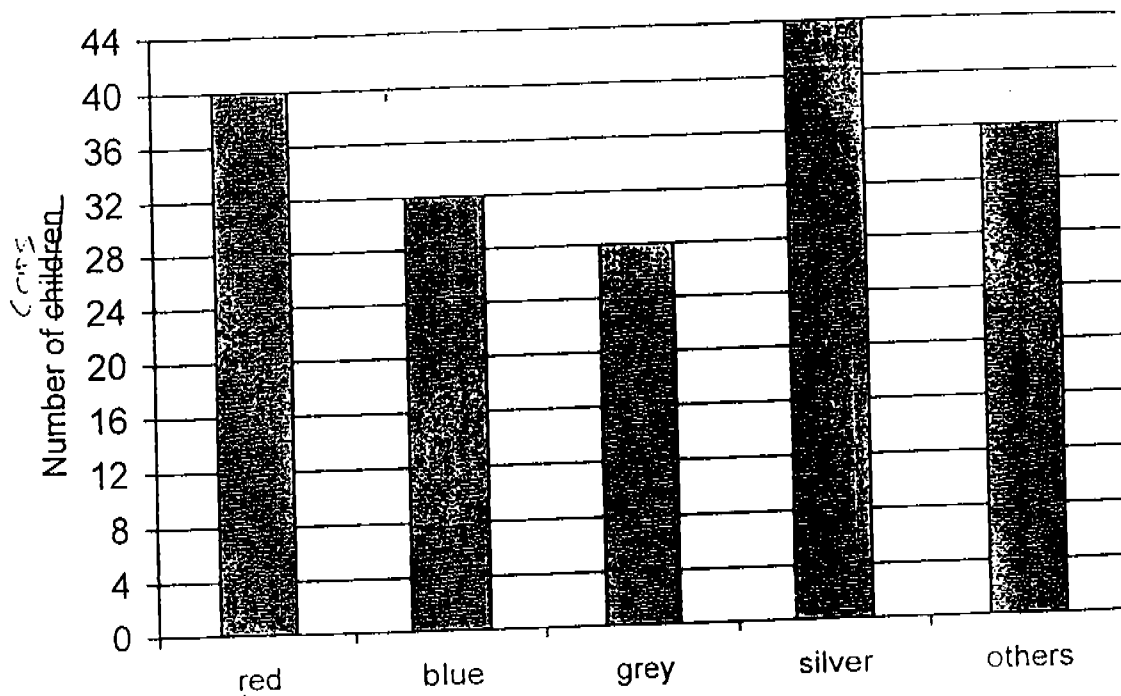
29. The solid figure is made up of _____ unit cubes.



Answer: _____



The graph below shows the number of cars parked in a car park on a Saturday afternoon. Study it carefully and answer questions 30 and 31.



30. How many fewer blue cars than silver cars were there?

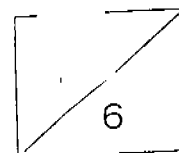
Answer: _____

31. What was the total number of red and grey cars in the car park on that Saturday afternoon?

Answer: _____

32. How many sixths are there in $4\frac{2}{3}$?

Answer: _____



33. A shopkeeper had 120 goldfish. He sold $\frac{3}{8}$ of them on Friday and 60 of them on Saturday. How many goldfish had he left?

Answer: _____

34. Rahimah spent \$27.75 on a piece of cloth for her sarong. She spent \$5.80 more on her blouse than her sarong. How much did she spend on her blouse?

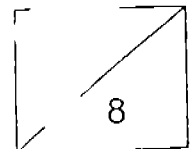
Answer: \$ _____

35. Colin bought 3 ball-point pens and 2 files for \$8.95. If a ball-point pen cost \$0.65, how much did a file cost?

Answer: \$ _____

36. Find the value of $24.3 \div 6$

Answer: _____



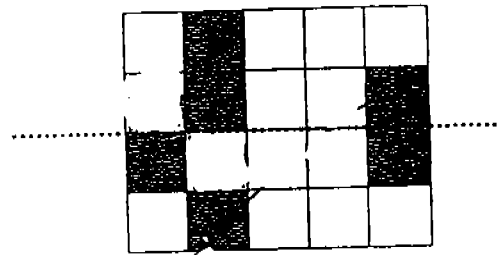
37. The weight of a parcel was recorded as 2.6 kg, rounded off to 1 decimal place. If it weighed less than 2.6 kg, write down a possible weight of the parcel.

Answer: _ _ _ _ _

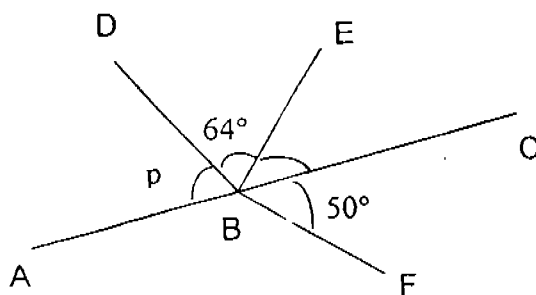
38. Multiply the sum of 7.84 and 3.6 by 9.

Answer: _ _ _ _ _

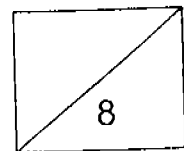
39. Complete the drawing below by shading two more squares so that the dotted line is a line of symmetry.



40. In the figure, ABC is a straight line and $\angle EBF$ is a right angle. Find $\angle p$.



Answer: _ _ _ _ _ °



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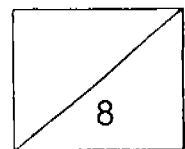
Section C: (5 X 4 marks)

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

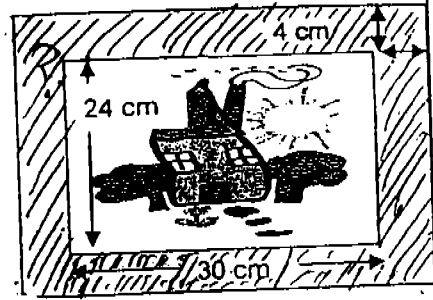
41. One table lamp and 6 identical chairs cost \$2040.
The table lamp costs \$200 less than a chair.
Find the cost of the table lamp.

42. Basket X and Basket Y are of the same mass. The total mass of Basket X together with 25 balls is 1 kg 200g. The total mass of Basket Y together with 15 balls is 800g. All the balls are identical.

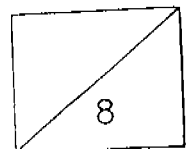
- (a) Find the mass of 1 ball.
(b) Find the mass of the basket.



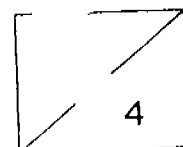
43. A picture measures 30 cm by 24 cm.
It is mounted on a rectangular card leaving a margin of 4 cm around it.
Find the area of the card not covered by the picture.



44. Mrs Lee spent $\frac{3}{4}$ of her money on a dress and a bag.
The dress cost $\frac{1}{3}$ as much as the bag.
She had \$80 left after paying for all the things.
- (a) Find her total spending.
(b) Find the cost of the bag.



45. A string is 18.35 m long.
Two pieces each 1.65 m long are cut from it and the rest is cut into 7 equal pieces.
How long is each of the 7 pieces?

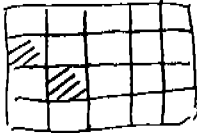


End of Paper

Have you checked your work?

SAL

AI TONG SCHOOL
2005 SEMESTRAL ASSESSMENT 2
CHINESE LANGUAGE
PRIMARY FOUR

- 1) 4 28) 5 m 10 cm
2) 1 29) 27
3) 1 30) 12
4) 2 31) 68
5) 3 32) 28
6) 2 33) 15
7) 2 34) 33.55
8) 3 35) 4.05
9) 1 36) 4.05
10) 2 37) 2.59
11) 3 38) 102.96
12) 4 39) 
13) 3
14) 1 40) 76
15) 3 41) \$ 120
16) 3 42) a) 40 g b) 200 g
17) 3 43) 496 cm²
18) 3 44) a) \$ 240 b) \$ 180
19) 2 45) 2.15 m
20) 4
21) 602
22) 14880
23) 9836
24) 32
25) 8
26) 2.05 p.m.
27) 16 yrs 8 months

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END!