TAO NAN SCHOOL
Primary 4 Mathematics End of Year Examination – 2005

Name : _____ (   )   Date : 28 October 2005

Class : Primary 4_____   Duration . 1h 45 min

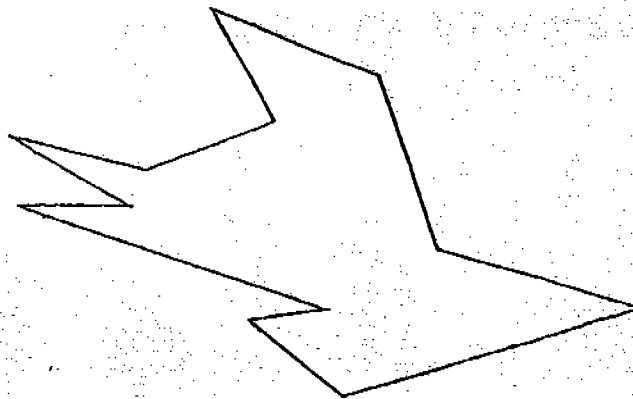Parent's Signature: _____   Marks: _____ / 100

Section A (40 marks)

Questions 1 to 20 carry 2 marks each. For each question, four options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Shade the correct oval on the Optical Answer Sheet.
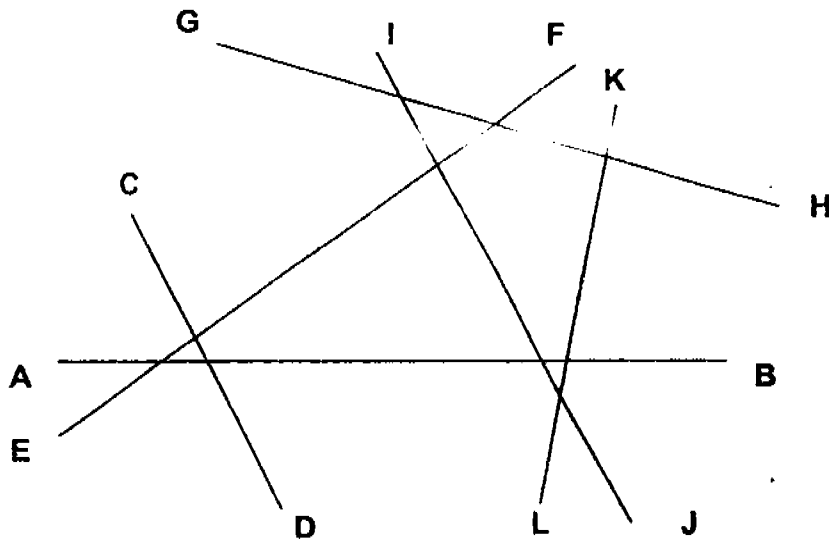
1.   There are _____ tens in 46000.

      (1)   6
      (2)   46
      (3)   460
      (4)   4600

2.   How many angles inside the figure below are smaller than 90°?

      (1)   5
      (2)   7
      (3)   11
      (4)   12

3.   In the figure below, CD is parallel to _____.
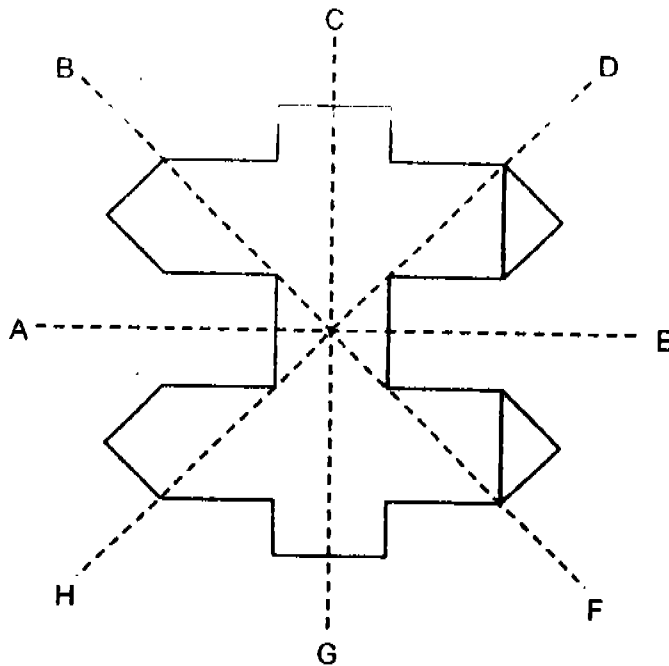

  (1) EF
  (2) KL
  (3) IJ
  (4) GH

4.   How many quarters will be needed to make $3\frac{1}{4}$?

  (1) 4
  (2) 8
  (3) 12
  (4) 13

5.   The perimeter of a square is 36 cm. The length of each side is
  _____ cm.

  (1) 6
  (2) 9
  (3) 18
  (4) 81

6.   How many line/s of symmetry is/are there in the figure below ?

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

7.   I am a number between 78 and 90. I have a remainder of 6 when I am divided by 8. I am _____ .

(1)   79
(2)   84
(3)   86
(4)   88

8. This year, Jim's age is a multiple of 6. Next year, his age will be a multiple of 5. Which of the following may be Jim's age next year ?

(1) 18
(2) 24
(3) 25
(4) 30

9. The table shows the savings of 4 people

Name	Savings ($)
Tony	106
Samy	88
Sarah	95
Janet	?
Total	400

How much did Janet save?

(1) 111
(2) 194
(3) 289
(4) 689

10. $\frac{3}{4}$ is _____ less than $\frac{11}{12}$.

(1) $\frac{3}{8}$

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

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

(4) $\frac{3}{4}$

11. Mr Tan painted $\frac{1}{12}$ of the fence. His brother painted $\frac{1}{4}$ of the same fence. What fraction of the fence was **not** painted?

(1) $\frac{1}{2}$

(2) $\frac{5}{12}$

(3) $\frac{2}{3}$

(4) $\frac{7}{12}$

12. The sum of 5 tenths and 17 hundredths written as a decimal is _____.

(1) 0.517
(2) 0.67
(3) 5.17
(4) 6.7

13. Round off 14.895 to the nearest hundredth?

(1) 15.0
(2) 14.9
(3) 14.80
(4) 14.90

14. 10 trees were planted in a row at equal distances. The distance between the first and the fourth tree was 24m. The distance between the first tree and the tenth tree was _____ m
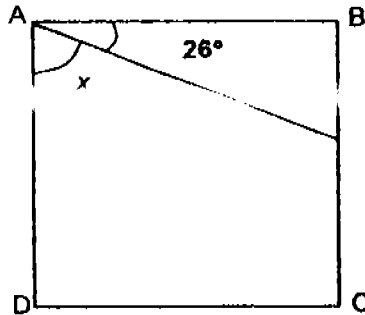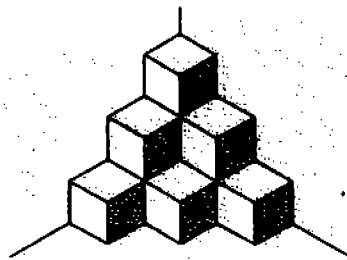
(1) 60
(2) 64
(3) 72
(4) 80

15. ABCD is a square. $\angle x = $ _____°.

(1) 60
(2) 64
(3) 74
(4) 90

16. A rectangle has a breadth of 7 cm. Its length is 3 times as long as its breadth. Its area is _____ cm .

(1) 21
(2) 56
(3) 100
(4) 147

17. How many cubes are there to form the given picture ?

(1) 6
(2) 8
(3) 9
(4) 10

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18. Given that $\clubsuit + \triangle + \blacklozenge = \dfrac{12}{14}$

$$\triangle + \clubsuit = \dfrac{5}{14}$$

$$\blacklozenge - \clubsuit = \dfrac{3}{14}$$

What is $\clubsuit$?

(1) $\dfrac{4}{7}$

(2) $\dfrac{1}{14}$

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

(4) $\dfrac{1}{7}$

19. Linda bought some flour. She used $\dfrac{3}{5}$ of it and had 800g left. How much flour did she buy ?

(1) 320g

(2) 400g

(3) 1000g

(4) 2000g

20. Ali arranged 640 books into piles of 4 and 20. If there were 12 piles of 20 books, how many piles of 4 did she arrange ?

(1) 32

(2) 100

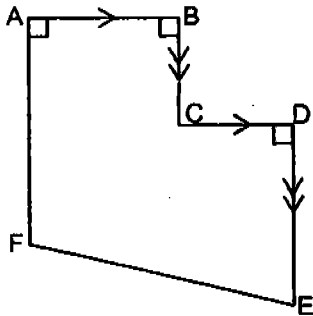(3) 160

(4) 240

Section B (40 marks)

Questions 21 to 40 carry 2 marks each. Write your answers in the boxes provided. Give your answers in the units stated. Show your working where possible.

21.   Complete the number pattern.

10 200, 10 140, 10 080, 10 020, _____ .

Ans: [   ]

(   )

22.   In the figure below, lines _____ and _____ are perpendicular to BC

Ans: _____ and _____

23.   Use all the digits 3,9,1 and 5 to form the greatest number with 2 decimal places. Each digit can only be used **once** .
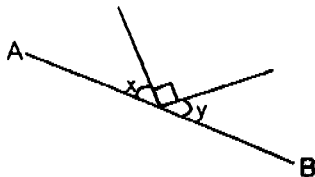
Ans: [   ]

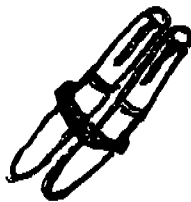24. What is the value of ✦ ? Give your answer as a **decimal** .

$$2\frac{1}{6} \qquad 2\frac{2}{6} \qquad ✦ \qquad 2\frac{4}{6} \qquad 2\frac{5}{6}$$

Ans: [   ]

25. AB is a straight line. Find the sum of ∠x and ∠y.

A _____ x ___ y ___ B

Ans: [   ] °

26.

OFFER!
2 pens for
$1.10

I have $3.85. What is the maximum number of pens that I can buy?
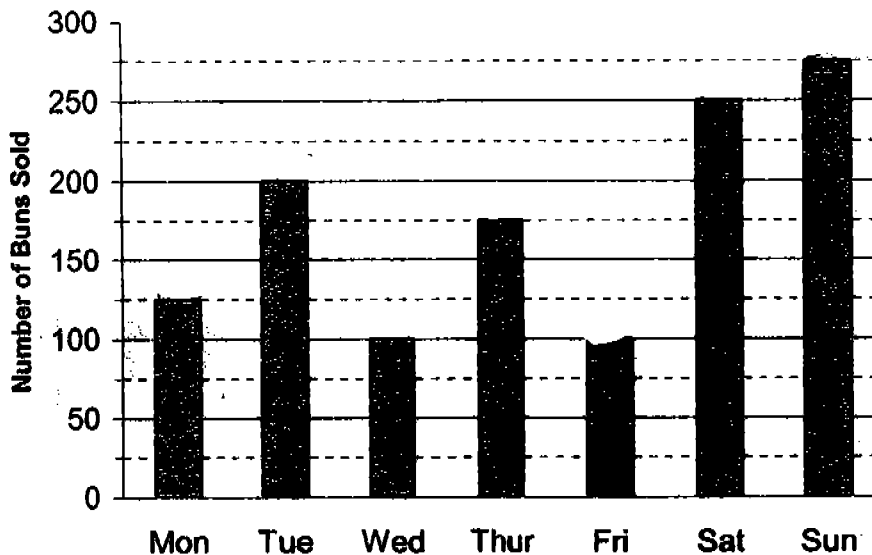
Ans : [   ]

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27. Alice saves $146 more than Jane. If Alice saves $ 382, find the total savings of the two girls.

Ans : $ [   ]

The graph below shows the number of buns sold by Mr.Lee over a week. Study the graph and answer questions 28 and 29.

Number of Buns Sold in a Week

28. The number of buns sold on Saturday is twice the number sold on _____.

Ans : [   ]

29. If the buns were sold at 50 cents each, how much was collected on Monday ?

Ans : $ [   ]

30.

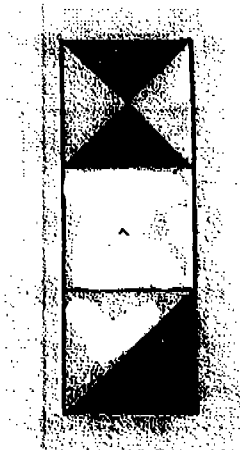$$\frac{\boxed{}}{12} - \frac{2}{3} = \frac{1}{4}$$

What is the missing number in the box?

Ans : [ ]

31. Find the sum of $1\frac{5}{6}$ and 0.2. Give your answer as a fraction in the simplest form.

Ans : [ ]

32. The figure is made up of squares. What is the fraction of the figure that is **not** shaded ? Give your answer in the simplest form.

Ans : [ ]

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33. What is the missing number in the box ?

0.4 + 0.4 + 0.4 + 0.4 + ☐ = 0.4 x 8

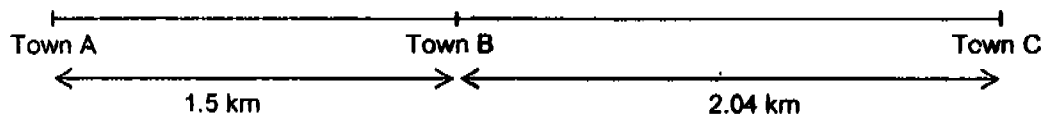Ans : _____

34. Which is greater ? $\frac{1}{4}$ or 0.3 ?

Ans : _____

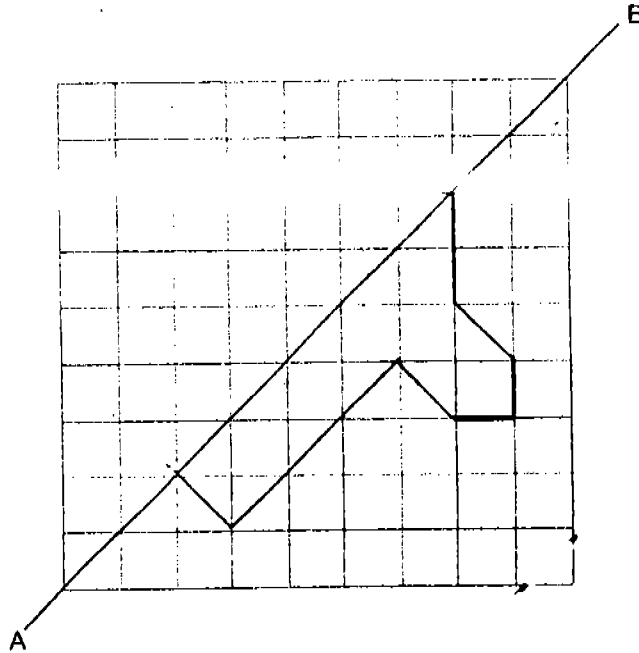35. A show started at 7.50 p.m. and ended 2h 15min later. What time did the show end ?

Ans : _____ p.m.

36.

```
|———————————————|———————————————|
Town A          Town B          Town C
   <——————————>   <——————————————>
      1.5 km           2.04 km
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If Town B is 1.5 km away from Town A and Town C is 2.04 km away from B, how far is Town C from Town A?
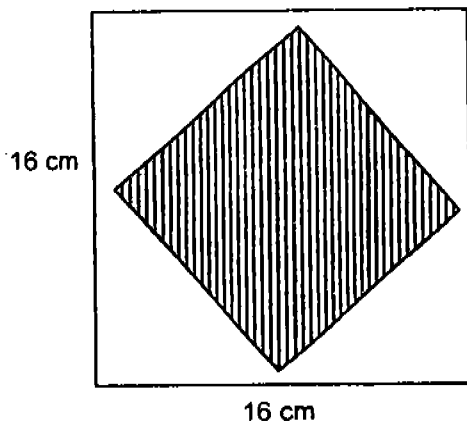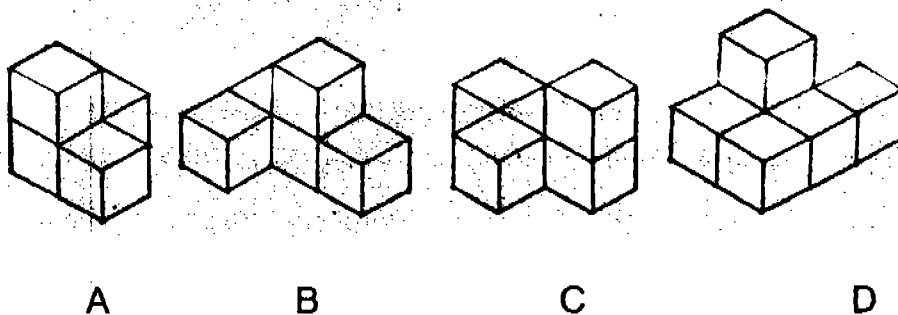
Ans : _____ km

37. Complete the symmetric figure.

38. The figure below shows a shaded square of area 144cm² placed within a square. What is the area of the unshaded part of the figure?
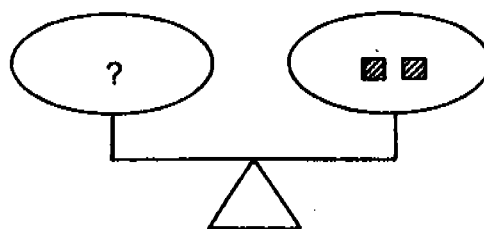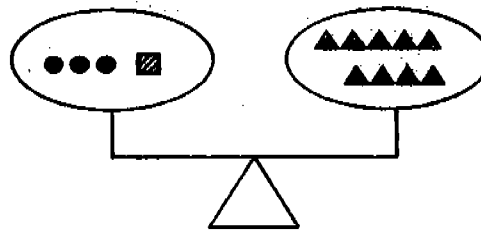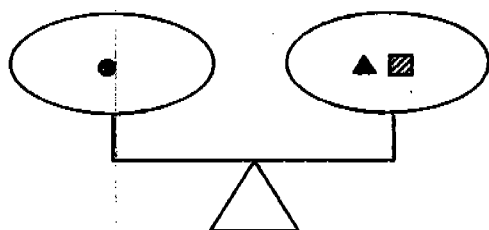

16 cm

16 cm

Ans : _____ cm²

39. Which two of the following shapes have the same number of unit cubes?

A   B   C   D

Ans : _____ and _____

40. Study the weighing scales below.

How many triangles will balance the two squares in the third scale ?

Ans : [   ]

Section C (20 marks)

Questions 41 to 45 carry 4 marks each. Show your working and statements below each question and write your answers in the spaces provided.

41. John bought 4 packets of marbles . Each packet contained an equal number of marbles. If he gave 116 marbles to each of his 8 friends, he would have 48 marbles left. How many marbles were there in each packet at first ?
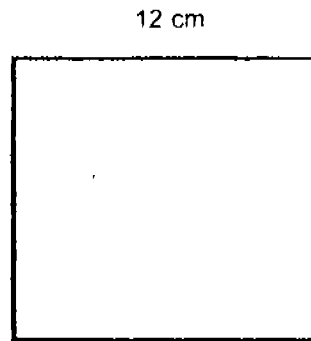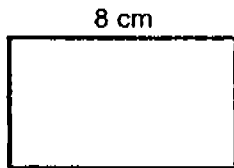
Ans : _____

42. Mr Samy bought a television set for $3600. He paid $\frac{1}{6}$ of the amount. The remainder was then paid equally over a period of 8 months. How much did he pay each month ?

Ans { (a) _____

43. The area of a 12-cm square is thrice that of a rectangle. Given that the length of the rectangle is 8 cm, find the perimeter of the rectangle.

12 cm

8 cm

Ans: _____ _____

44. Ben has some ten-cent and twenty-cent coins. The number of twenty-cent coins is twice the number of ten-cent coins. Their total value is $6. How many twenty-cent coins does Ben have?

Ans: _____

45. Sally paid $62 for 2 pairs of shorts and 5 T-shirts. One pair of shorts and a T-shirt cost $19. How much did each T-shirt cost?
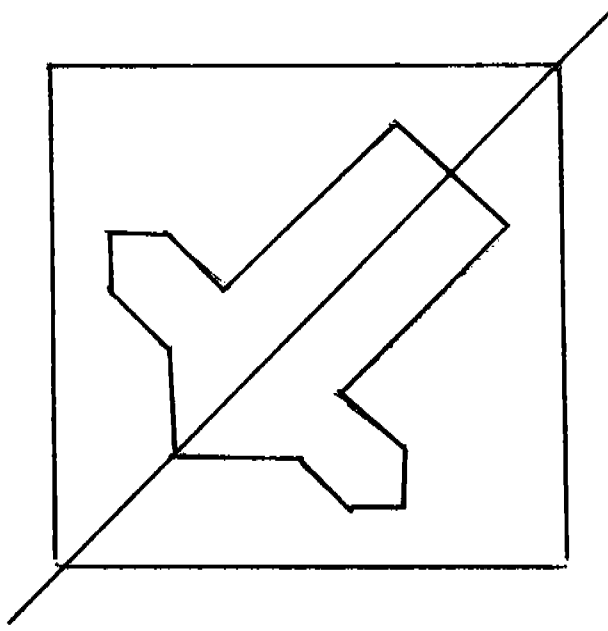
Ans: _____ _____

~ End of Paper ~

TAO NAN SCHOOL
PRIMARY 4
MATHEMATICS
END OF THE YEAR EXAMINATION - 2005

01.	4	11.	3
02.	(1)	12.	2
03.			
04.	4	14.	3
05.	2	15.	2
06.	1	16.	4
07.	3	17.	4
08.	3	18.	3
09.	1	19.	4
10.	3	20.	2

21) 9960

22) AB and CD

23) 95.31

24) 2.5

25) 90

26) 6

27) 618

28) Monday

29) 62.50

30) 11

31) 2 1/30

32) 2/3

33) 1.6

34) 0.3

35) 10.05

36) 3.540

37)

38) 112

39) B and C

40) 3

41) 244 marbles

42) $ 375

43) 28 cm

44) 24 twenty cents coins

45) $ 8

Q37)