Tao Nan School
Primary Four Mathematics End-Of-Year Examination 2010
Paper 1

Name: _____ (Date: 28 October 2010

Class: Primary 4 ( ) Time: 8.00 a.m. to 9.15 a.m.

Parent's Signature: _____

Paper 1	Booklet A	20
	Booklet B	40
Paper 2		40
Total		**100**

Paper 1

- Paper 1 consists of **Booklet A and Booklet B.**
- Total time (Booklets A and B): **1h 15 min**
- Answer all questions

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Paper 1 Booklet A

Multiple Choice Questions

Questions 1 to 10 carry 2 marks each.

For each question, four options are given. One of them is the correct answer.

Shade the correct oval (1 , 2 , 3 or 4) on the Optical Answer Sheet.

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1. The value of the digit 7 in 54 726 is _____.

   (1) 7

   (2) 70

   (3) 700

   (4) 7000

2. 43 758 rounded off to the nearest hundred is _____.

   (1) 43 700

   (2) 43 760

   (3) 43 800

   (4) 44 000

3. $9\frac{5}{6} = \frac{\square}{6}$

   What is the missing number in the box?

   (1) 30

   (2) 45

   (3) 54

   (4) 59

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4. In the number 46.37, the digit _____ is in the tenths place.

(1) 6

(2) 7

(3) 3

(4) 4

5. What is the number when 329.54 is rounded off to 1 decimal place?

(1) 329.0

(2) 329.5

(3) 329.6

(4) 330.0

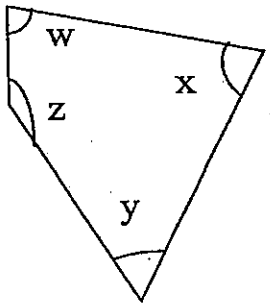
6. In the figure, which angle is greater than a right angle?

(1) ∠w

(2) ∠x

(3) ∠y

(4) ∠z



7. The difference of $7\frac{3}{5}$ and $\frac{2}{3}$ is _____.

(1) $6\frac{14}{15}$

(2) $\frac{14}{15}$

(3) $7\frac{14}{15}$

(4) $7\frac{19}{15}$

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8. The breadth of a swimming pool is half the size of its length. If the breadth is 8 m, what is the area of the swimming pool?

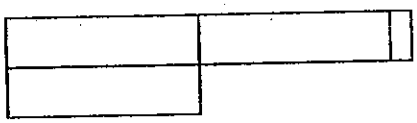
(1) 256 m^2

(2) 128 m^2

(3) 64 m^2

(4) 32 m^2

9. If Jack loses 2.4 kg, Peter will be half his weight. Find the weight of Jack if Peter weighs 39.3kg.



(1) 83.4 kg

(2) 81.0 kg

(3) 78.6 kg

(4) 41.7 kg

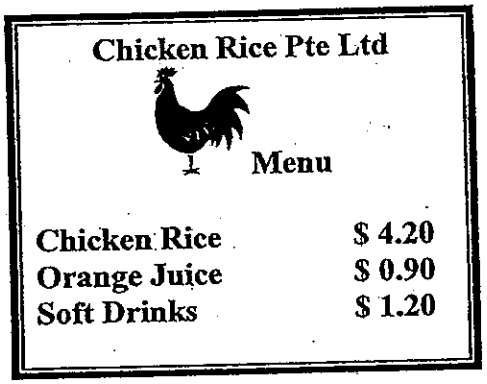
10. Samy had $10. After paying for one plate of chicken rice, one glass of orange juice and two soft drinks, he had some **fifty-cent** coins left. How many **fifty-cent** coins did Samy have after paying for his lunch?

(1) 1

(2) 50

(3) 5

(4) 4



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Name: _____ ( )

Class: Primary 4 ( )

Parent's Signature: _____

40

Paper 1 (Booklet B)

Write your answers in the boxes provided. For questions which require units, give your answers in the units stated. Questions 11 to 30 carry 2 marks each.

11. Write eleven thousand and forty-three in figures.

12. What is the first common multiple of 4 and 9?

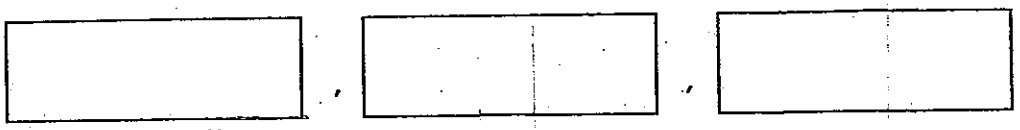
13. Fill in the box below with the correct number in the number pattern below.

78 , 90 , 102 , _____ , 126

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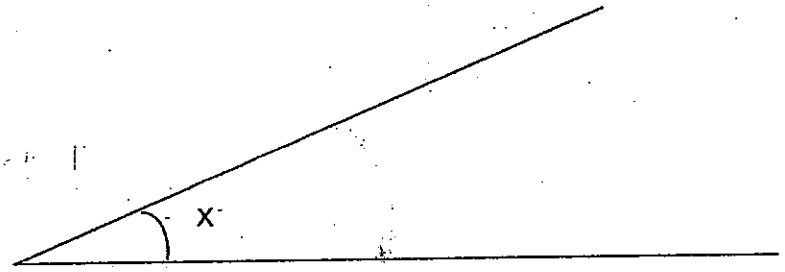
14. Arrange the following fractions from the smallest to the greatest.

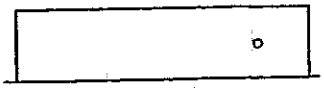
$$\frac{3}{5}, \frac{3}{11}, \frac{10}{11}$$



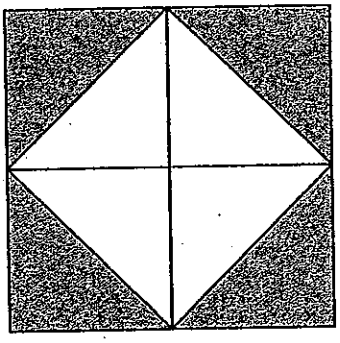
(smallest)

15. Measure and write down the size of ∠x.





16. What fraction of the figure is shaded?

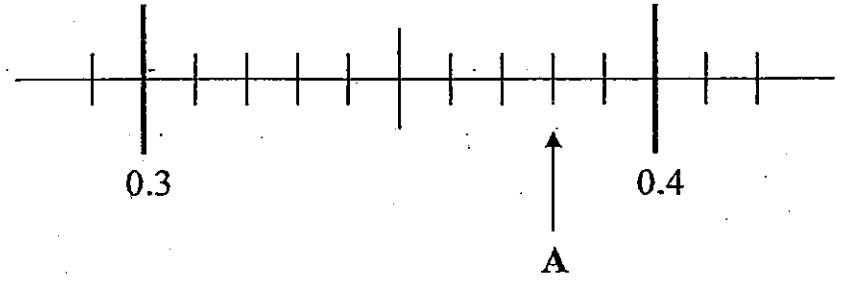




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17. Express $\frac{87}{100}$ as a decimal.

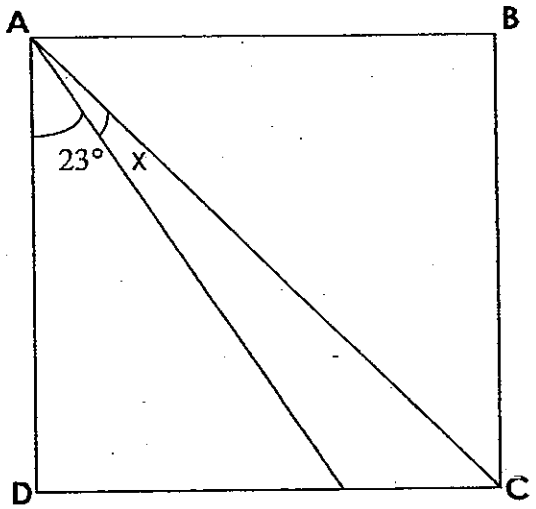
18. Write the decimal represented by A.



19. Find the value of 6.94 x 7.

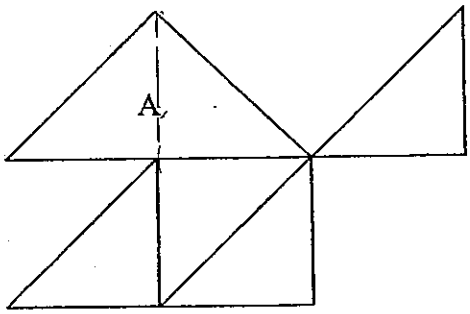
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20. The square ABCD below is not drawn to scale. Find $\angle x$.



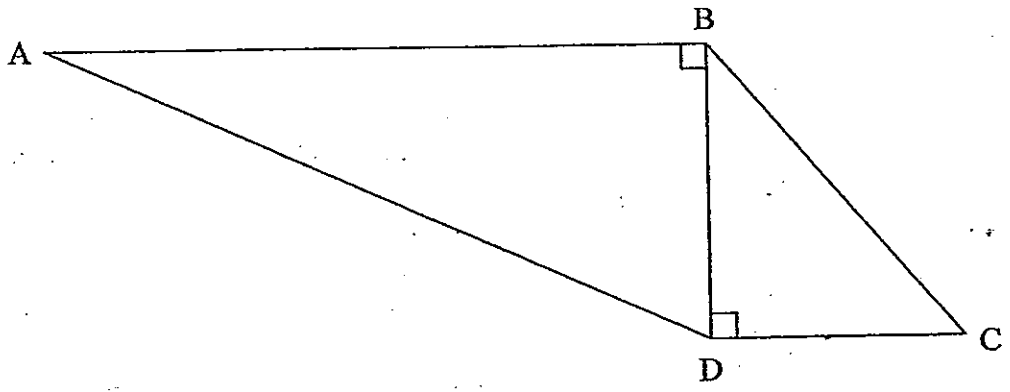
°

21. The figure below is made up of triangles. The small triangles are identical. Triangle A has an area twice that of a small triangle. How many **small** triangles must be shaded to show one-third of the figure shaded?

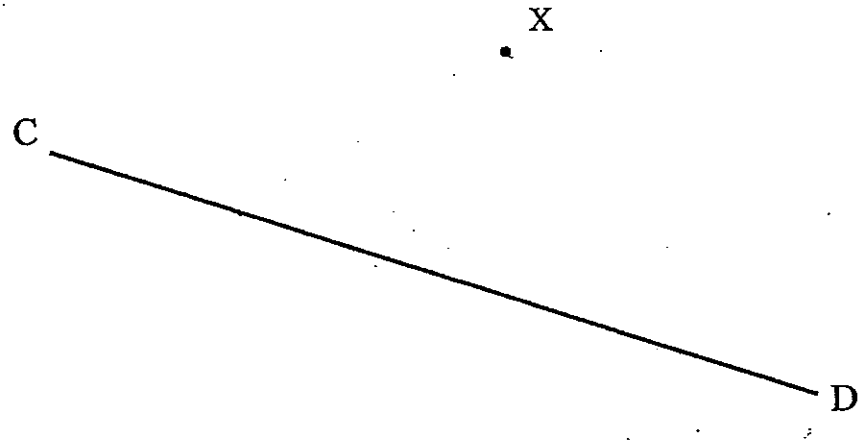


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22. How many pairs of perpendicular lines are there in the figure below? Write down your answer in the box below.

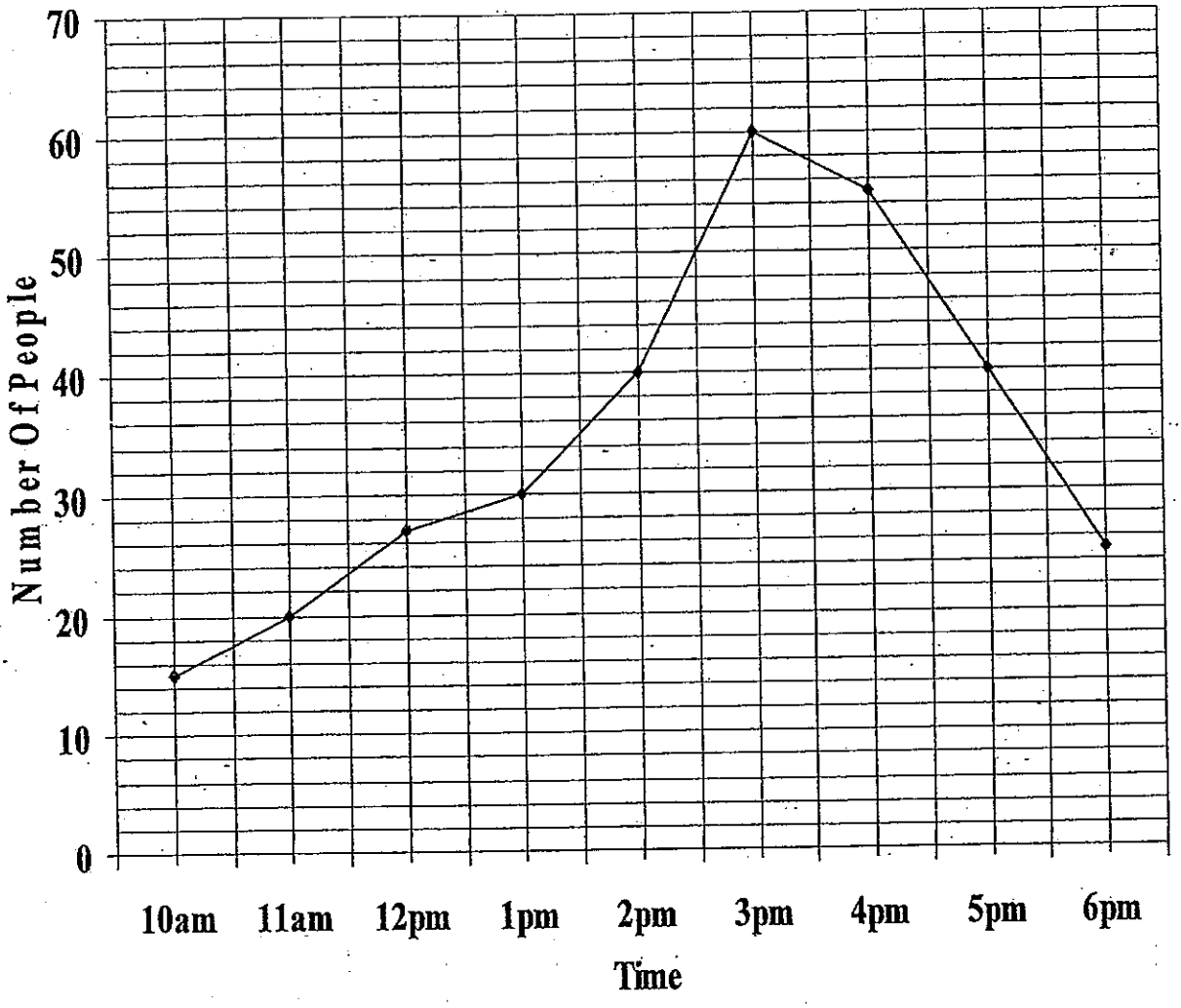


23. Draw a line parallel to CD through Point X.



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24. The graph below shows the number of people in a bookstore over a period of time.

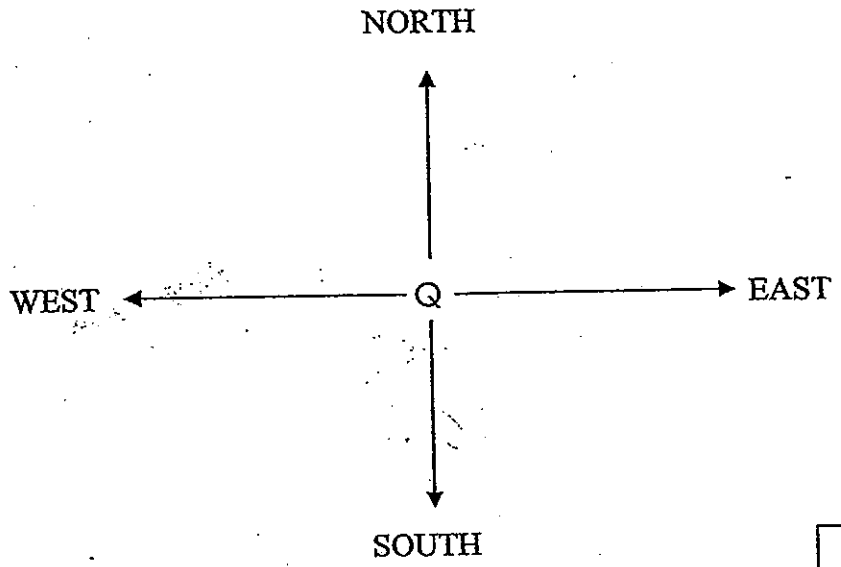


(i) Which one-hour time interval was the increase in the number of people the greatest?

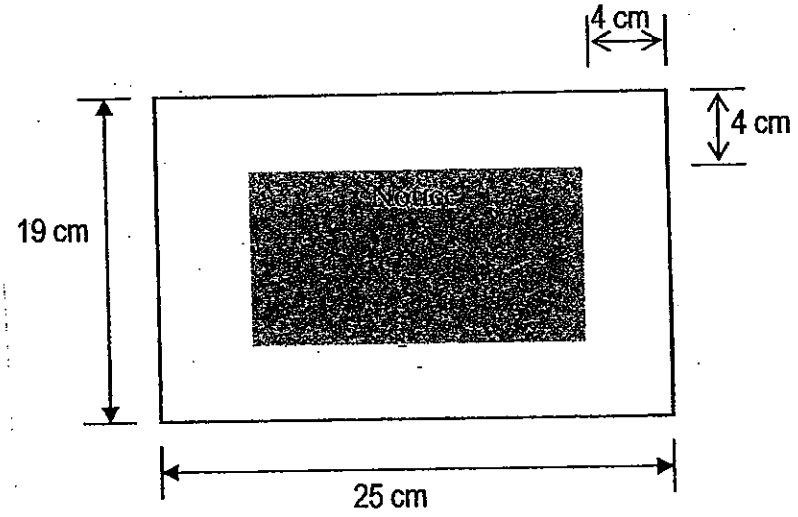
[ ] to [ ]

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25. Ahmad is standing at Q and he is facing North-West. He makes a $\frac{3}{8}$-turns in the clockwise direction. After that, he turns through 2 right angles in an anti-clockwise direction. Which direction is he facing now?



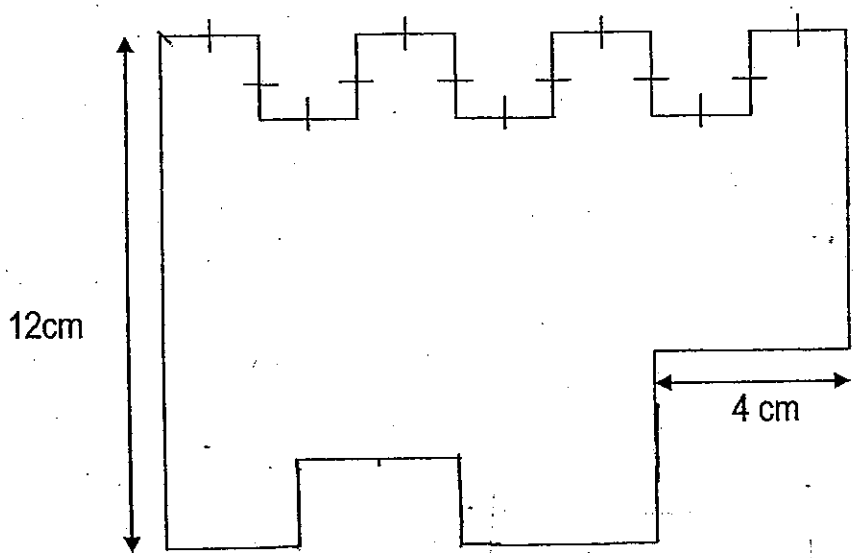
26. A notice was pasted on a signboard, leaving a margin of 4cm all around it. Find the area of the signboard not covered by the notice.



cm²

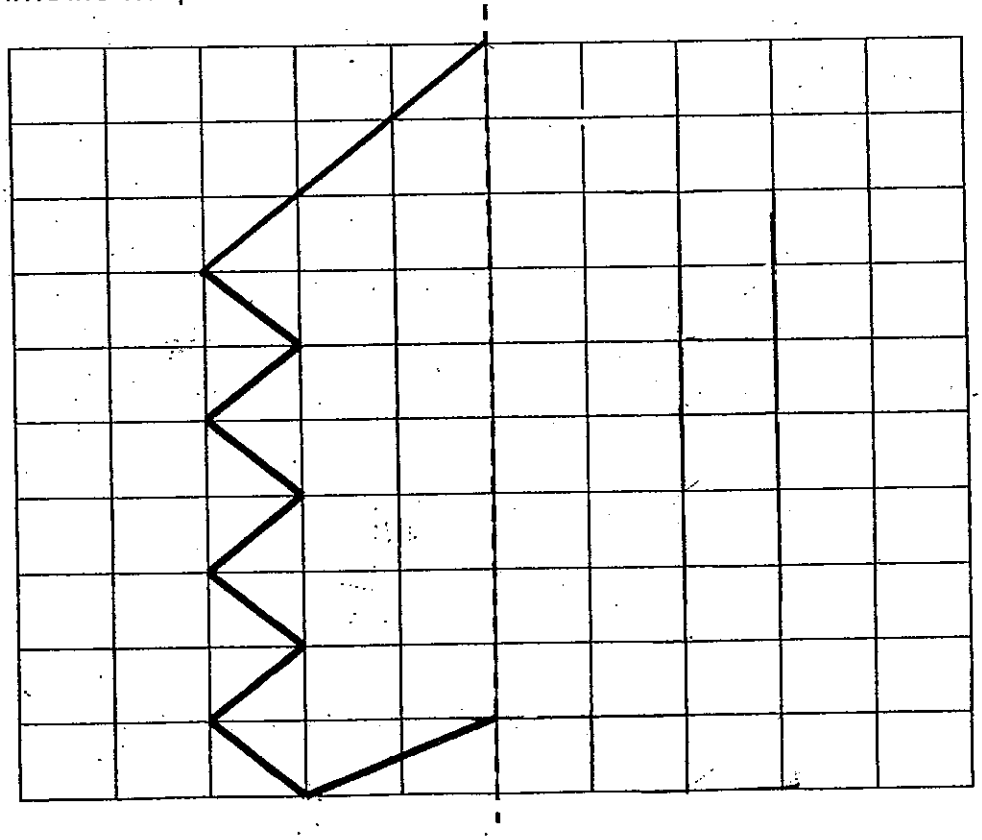
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27. The diagram below is not drawn to scale. Find the perimeter of the figure below. (All lines meet at right angles.)



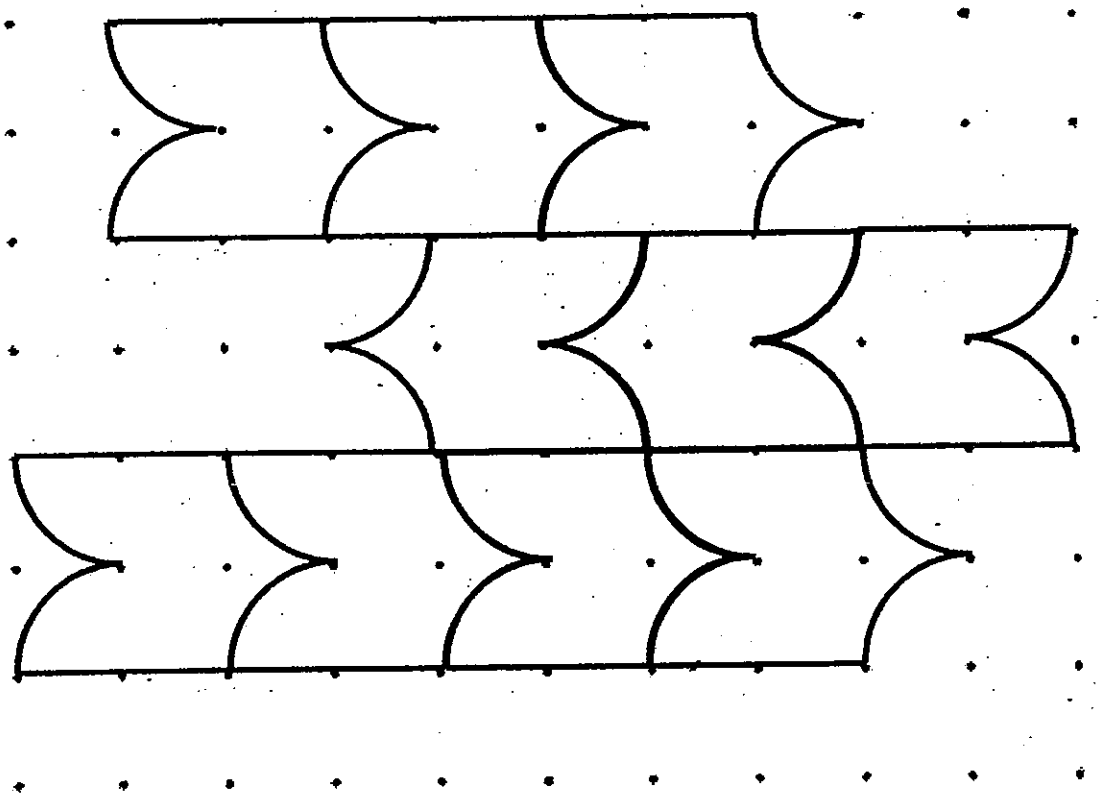
cm

28. The figure below is half of a symmetric shape. Complete the symmetric shape with the dotted line as a line of symmetry.



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29. Draw two more unit shapes to complete the tessellation.



30. Raj was given a queue number before meeting his doctor.
The number is between 7 and 19.
It is a multiple of 6 and it is also a factor of 24.
What was his queue number?

End of Paper 1

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Tao Nan School

Primary Four Mathematics End-Of-Year Examination 2010

Paper 2

Name: _____( ) **Date:** 28 October 2010

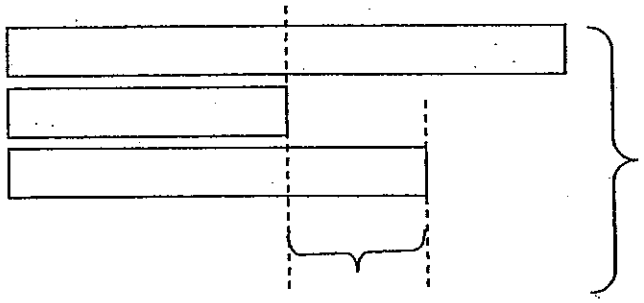
Class: Primary 4 (**)** **Time:** 10.30 a.m. – 11.45 a.m.

Parent's Signature: _____ **Marks:** 40

Questions **1** to **10** carry 4 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (40 marks)

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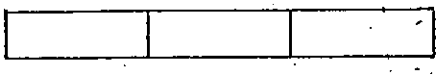
1. The total mass of three sofas is 218kg. The first sofa is twice as heavy as the second sofa. The third sofa is 14kg heavier than the second sofa. Find the mass of the third sofa.



Ans: _____

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2. Chris had \$243. He spent $\frac{2}{3}$ of his money on a bag and some money on a book. He had \$21 left. How much money did he spend on the book?



Ans: _____

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3. Kara had 246 cards and Mary had 56 cards. Kara gave Mary some cards so that they have the same number of cards. How many cards has Kara now?

Ans: _____

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4. A container had 15.9 ℓ of water. Henry used half of it to mop the floor and a third of the remainder to wash his bicycle. How much water did he have left?

Ans: _____

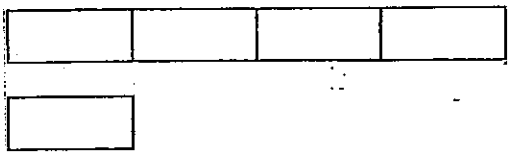
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5. Murli buys some souvenirs from a shop. The number of souvenirs is more than 26 but fewer than 50. If the souvenirs are given to 3 friends, 4 friends or 6 friends, there are always 2 souvenirs remaining. How many souvenirs did Murli buy?

Ans: _____

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6. Sam is 45 years younger than his grandmother. Last year, his grandmother was 4 times as old as he was. How old will Sam be when his grandmother reaches 65 years old?



Ans: _____

---

7. Fred watched a movie in the cinema. He left the cinema after 1hr 15 min and spent the next 40 minutes eating his lunch in a food centre. He took another 25 minutes to return home. If he reached his home by 17 55, at what time did he enter the cinema?
(Draw a timeline.)



Ans: _____

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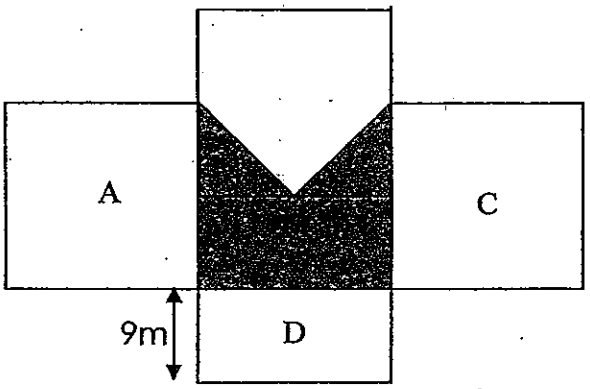
8. Jamal paid a total of $90 for a T-shirt, a pair of socks and a pair of sandals. The T-shirt cost $17.50 more than the pair of socks. The pair of sandals cost 3 times as much as the T-shirt. Find the cost of the pair of sandals.



Ans: _____

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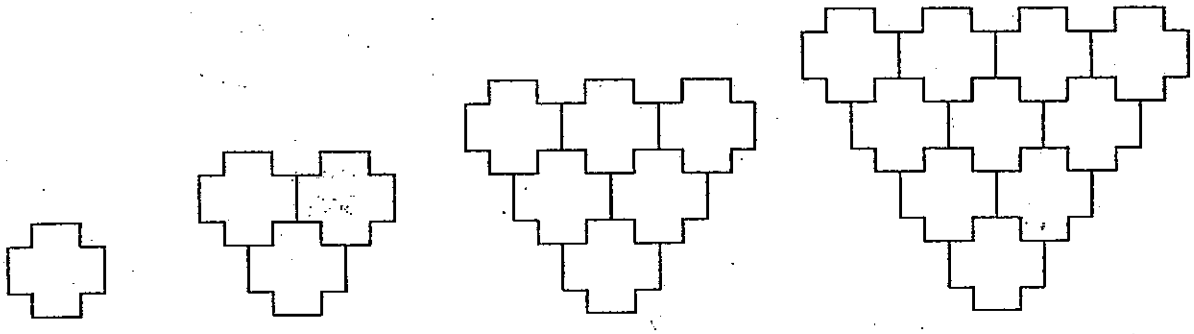
9. The figure below is made up of 4 equal squares A, B, C and D. Half of Square D is shaded and a quarter of square B is shaded.
Find the **unshaded** area.



Ans: _____

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10. Study the pattern.



Pattern 1 Pattern 2 Pattern 3 Pattern 4

(a) How many unit shapes are there in Pattern 5?

(b) Which Pattern will have 210 unit shapes?

Ans : (a) _____(1m)

(b) _____(3m)

End of Paper 2

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Ans

EXAM PAPER 2010

SCHOOL : TAO NAN PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

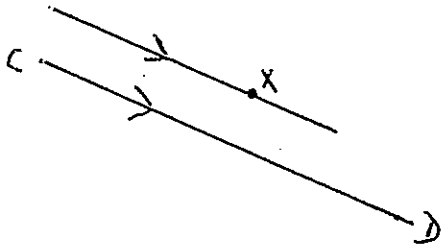
TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
3	3	4	3	2	4	1	2	2	3

11)11043 **12)36** **13)114** **14)3/11, 3/5, 10/11** **15)23°**

16) ½ **17)0.87** **18)0.38** **19)48.58** **20)22°**

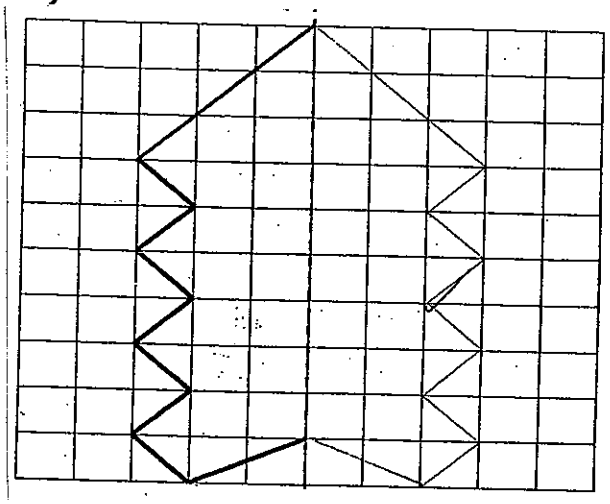
21)2 **22)2** **23)**



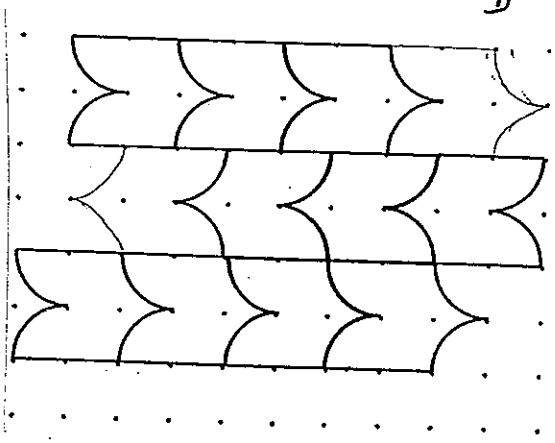
24)i)2p.m. to 3p.m. **25)West**

26)288cm2 **27)68cm**

28)



29)



30)12

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1)218 − 14 = 204 204 ÷ 4 = 51 51 + 14 = 65 The mass is 65kg	2)243 ÷ 3 = 81 81 − 21= 60 He spent $60 on the book
3)246 + 56 = 302 302 ÷ 2 = 151 Kara has 151 cards now	4)15.9 ÷ 6 = 2.65 2.65 x 2 = 5.30L He had 5.30L of water left
5)38	6)65 − 45 = 20 Sam will be 20 years old
7)He entered the cinema at 15 35	8)90 + 17.50 = 107.50 107.50÷ 5 = 21.50 21.50 x 3 = $64.50 The pair of sandals cost $64.50
9)9 x 2 = 18 18 x 8 = 324 324÷4 = 81 81 x 3 =243 324 ÷ 2 = 162 324 x 2 = 648 648 + 243 = 891 891 + 162 = 1053m_2 The unshaded area is 1053m_2	10)a)1 + 2 + 3 + 4 + 5 =15 There will be 15 unit shapes b)1 + 2 + 3 + 4-------20 = 210 Pattern 20 had 210 shapes

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