Tao Nan School
Primary Four Mathematics End-Of-Year Examination 2009
Paper 1 (Booklet A)

Name: _____ ( ) Date: 28 october 2009

Class: Primary 4 ( ) Duration: 1 h 15 min

Parent's Signature: _____ Marks: 20

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. In which of the following numbers does the digit '8' stand for 800?
   (1) 1863
   (2) 3186
   (3) 6138
   (4) 8316

2. Which of the following numbers when rounded off to the nearest ten becomes 91 500?
   (1) 91 444
   (2) 91 496
   (3) 91 506
   (4) 91 554

3. 37 thousands and 6 tens is the same as _____.
   (1) 376
   (2) 3760
   (3) 37 006
   (4) 37 060

4. Express 0.08 as a fraction in its simplest form.

(1) $\frac{4}{5}$

(2) $\frac{2}{25}$

(3) $\frac{1}{25}$

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

5. Which of the following are common factors of 24 and 36?

(1) 1 and 8

(2) 2 and 9

(3) 3 and 4

(4) 12 and 18

6. Arrange the following decimals from the smallest to the greatest.

1.4, 0.14, 1.04, 0.41

(1) 0.14, 0.41, 1.04, 1.4

(2) 0.41, 0.14, 1.04, 1.4

(3) 0.14, 1.4, 1.04, 0.41

(4) 0.41, 0.14, 1.4, 1.04

7. $4\frac{3}{5}$ h = _____ min

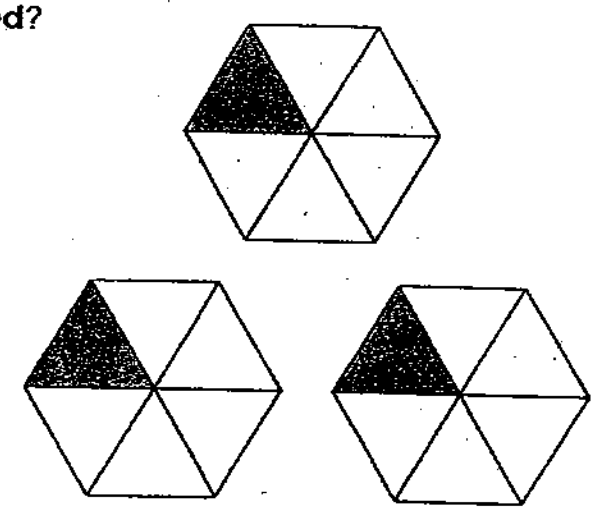
(1) 460

(2) 340

(3) 276

(4) 204

8. The four hexagons below are made up of 6 identical triangles each. How many more triangles have to be shaded so that $\frac{5}{6}$ of the total area is **shaded**?



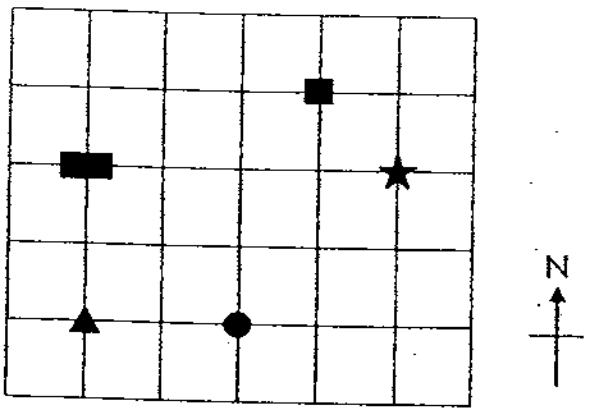
(1) 12

(2) 15

(3) 3

(4) 18

9. Study the diagram below.



Which of the following statements is true?

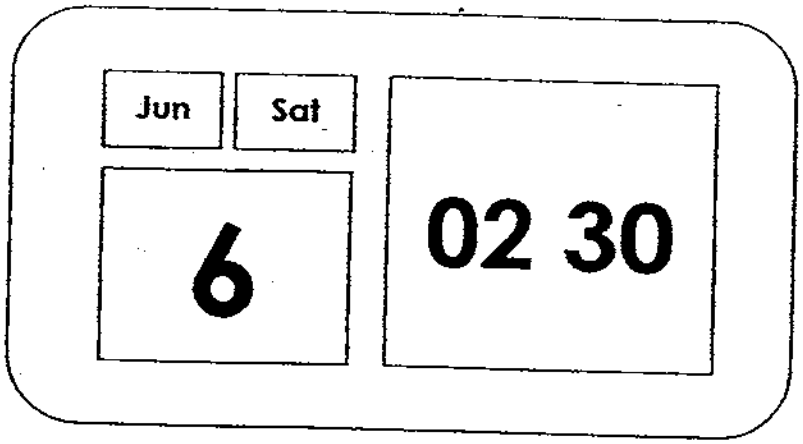
(1) ★ is north of ■.

(2) ● is south-west of ▬.

(3) ▲ is north-east of ■.

(4) ▬ is west of ★.

10. Aziz celebrated his birthday 6 hours before the time shown on the clock below. When did he celebrate his birthday?



(1) 5 June, Friday, 8.30 a.m.

(2) 5 June, Friday, 8.30 p.m.

(3) 6 June, Saturday, 8.30 a.m.

(4) 6 June, Saturday, 8.30 p.m.

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.

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11. $0.1 = \frac{1}{\boxed{?}}$

What is the missing number in the box?

12. Write $\frac{16}{7}$ as a mixed number in its simplest form.

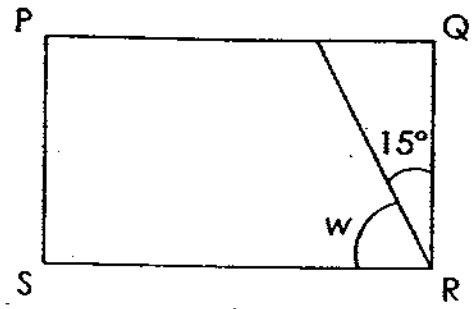
13. $5630 \times 6 =$ _____

14. Fill in the blank with the correct number in the number pattern below.

1011, 987, 963, _____, 915

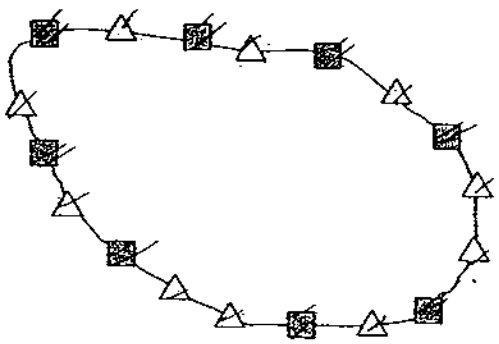
15. $1503 \div 3 =$ _____

16. In the figure, PQRS is a rectangle. Find the value of $\angle w$



°

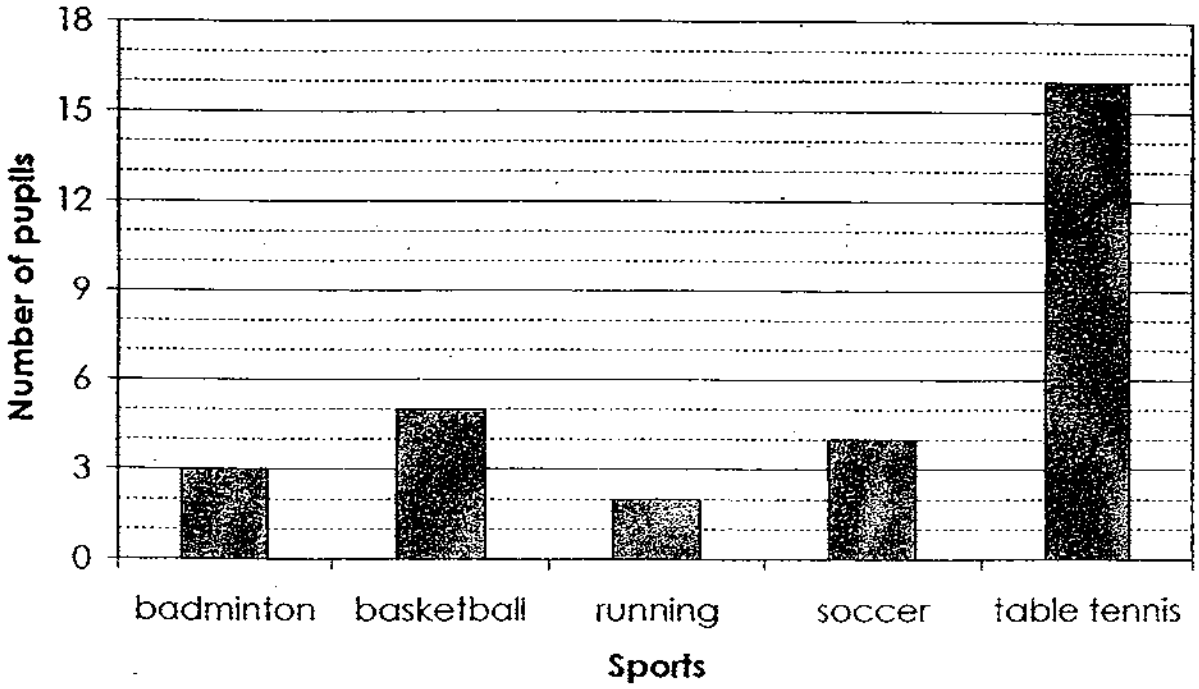
17. What fraction of the shapes on the bracelet are squares? Express your answer in the simplest form.



18. Find the value of 7.26×5.

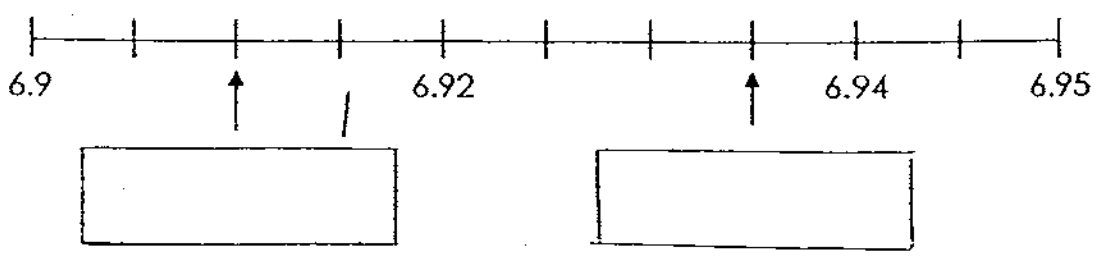
19. Find the value of $2 - \frac{1}{4} - \frac{1}{8}$.

20. The graph below shows the favourite sports of 30 pupils.

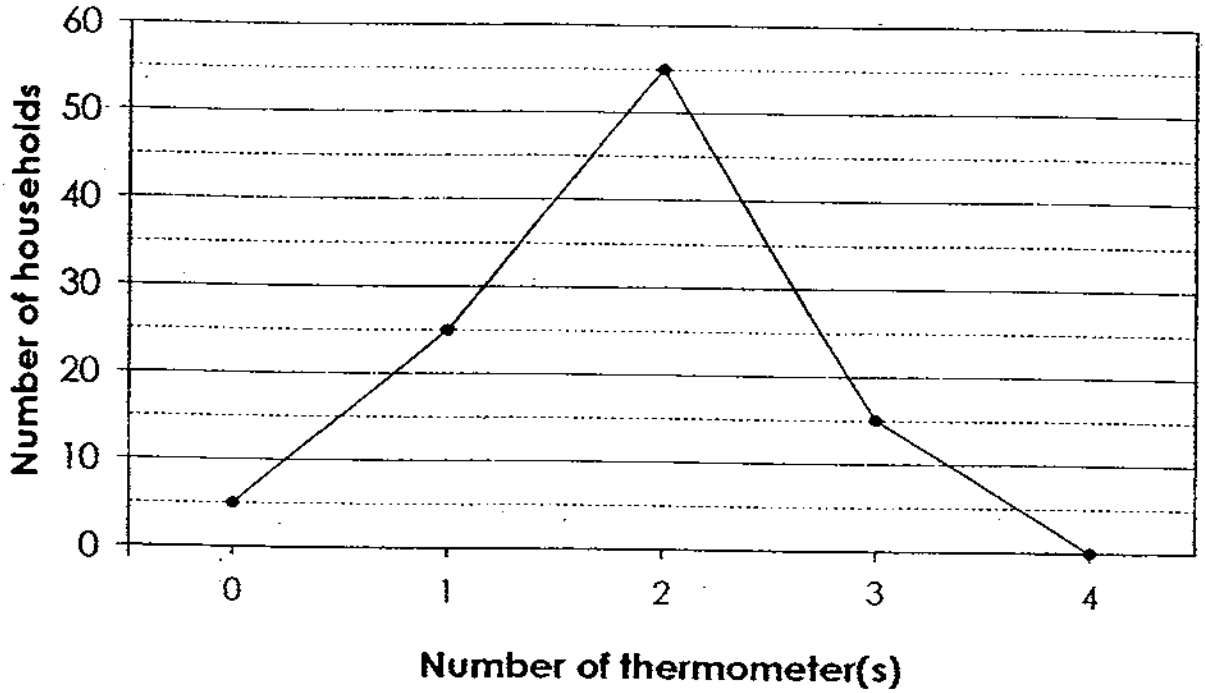


The number of pupils who chose _____ is 8 times the number of pupils who chose _____.

21. Fill in the boxes below with the correct decimals.

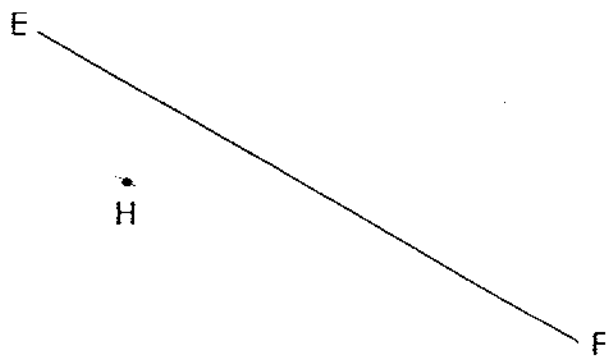


22. The line graph below shows the number of thermometers that 100 households have.



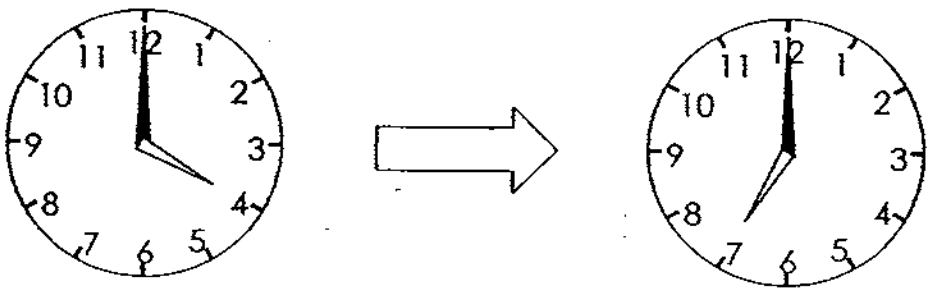
Find the **total** number of thermometers.

23. Draw a line parallel to EF through the point H.



24. An exercise book and a pen cost $2. The pen costs 90¢ more than the exercise book. Find the cost of the exercise book.

25.

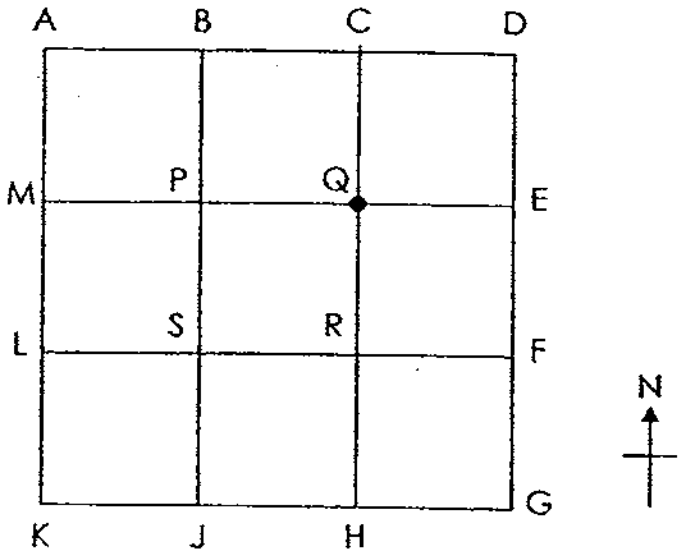


Study the diagram above. How many $\frac{3}{4}$-turns have been made by the minute hand?

26. Ben saved a total of $3.60 over 3 days. He saved $0.20 more each day than the day before. How much did he save on the first day?

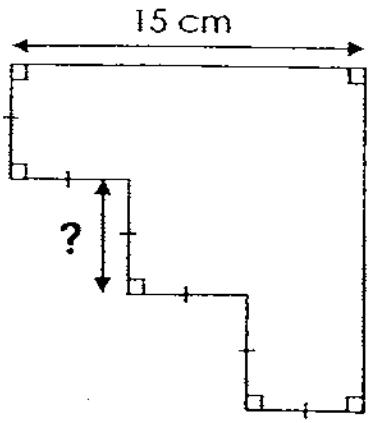
$

27.



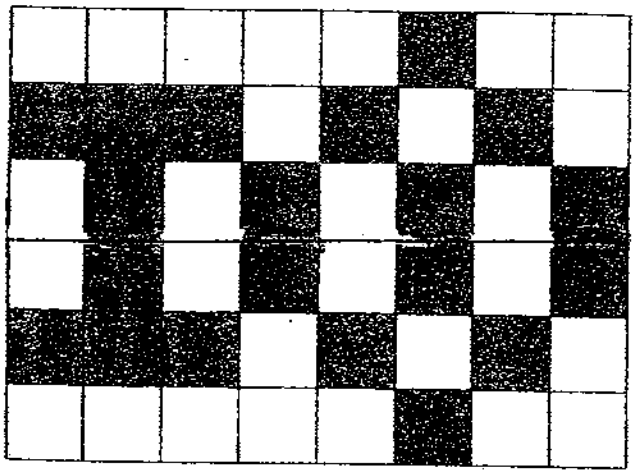
Dewi stands on Point Q. She moves towards north and turns 90° anti-clockwise. Then, she moves to the end of that line. Which point is she at now?

28. The diagram below is not drawn to scale. Find the unknown length.

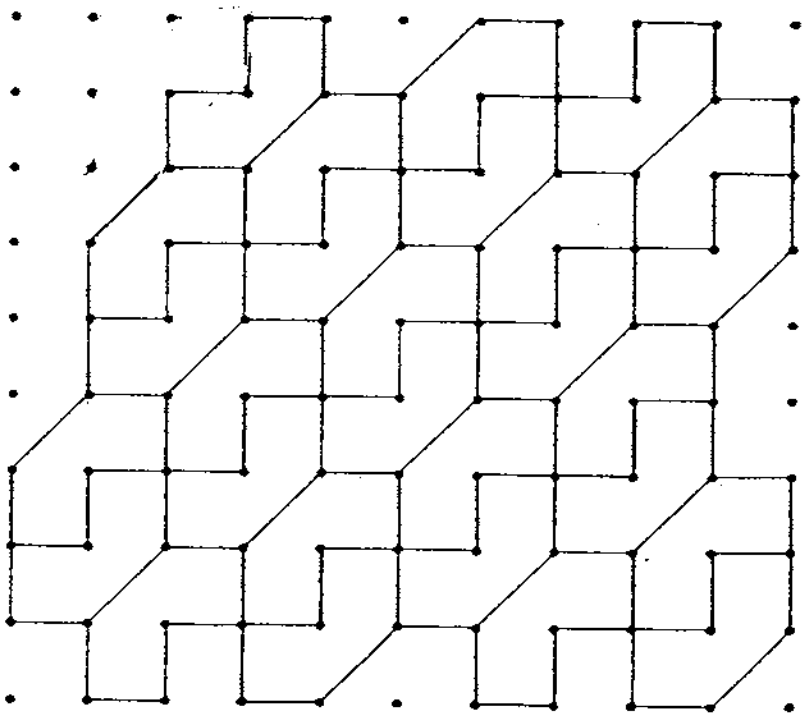


cm

29. Draw the line of symmetry for the figure below.



30. Complete the tessellation below by adding **two** more unit shapes.



End of Paper 1

Tao Nan School
Primary Four Mathematics End-Of-Year Examination 2009
Paper 2

Name: _____( ) Date: 28 october 2009

Class: Primary 4 ( ) Duration: 1 h 15 min

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. A DVD case that costs $14 holds a maximum of 8 DVDs. Mr Wong has a collection of 288 DVDs. Find the total cost if Mr Wong buys the minimum number of DVD cases to store his collection.

Ans: _____

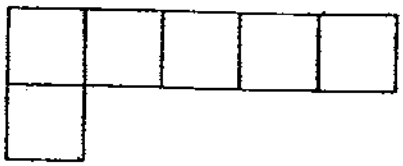
2. During a sale, Mrs Monash paid for 6 identical cans of milk powder with three $50 notes. She received $10.50 as change. How much did Mrs Monash pay for each can of milk powder?

Ans: _____

3. Linda bought 1 kg of sugar. She used $\frac{1}{5}$ of it to bake a cake and 700 g of sugar to make some muffins. What fraction of the sugar was left?

Ans: _____

4. At a stadium, the number of adults who were watching a soccer match was 5 times the number of children. There were 25 240 women and children. If there was an equal number of women and children, how many men were there?



Ans: _____

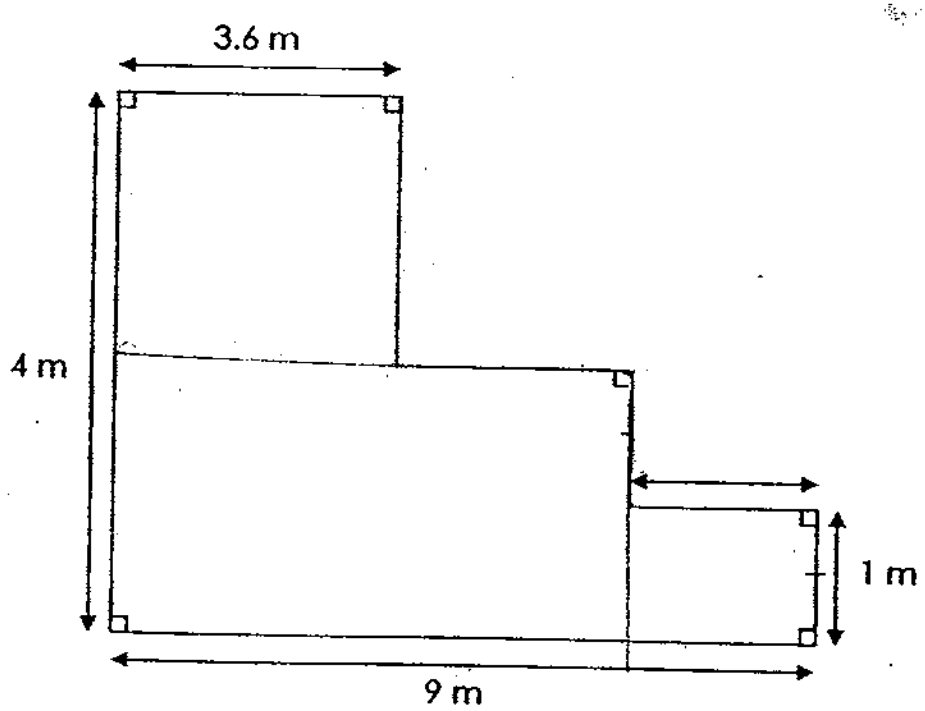
5. Minah read $\frac{1}{8}$ of a book on Monday. She read $\frac{4}{7}$ of the remaining pages the next day. She completed reading the book on Wednesday. If the book consisted of 168 pages, find the number of pages Minah read on Wednesday.

Ans: _____

6. Jane decorated 3 gifts with ribbons. She used 1.4 m of ribbon to decorate the first gift. The second gift required 0.15 m more ribbon than the first gift. She used 0.3 m less ribbon to decorate the first gift than the third gift. How many metres of ribbon did Jane use altogether?

Ans: _____

7.



The diagram above is not drawn to scale. Find the total area.

Ans: _____

8. The diagram below is not drawn to scale. The area of Square A is $\frac{1}{4}$ the area of Rectangle B. If the area of Square A is 36 cm², find the perimeter of Rectangle B.

Ans: _____

9.

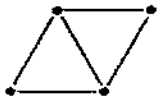
Fare charges of a taxi company	
The first 1 km or less	$3.00
Every 300 m thereafter	$0.20

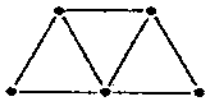
Mr Ho took a taxi to work. The taxi covered a total distance of 4.7 km. How much did he pay for his taxi ride?

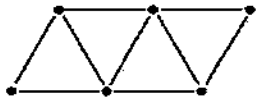
Ans: _____

10. Study the pattern below.


Pattern 1


Pattern 2


Pattern 3


Pattern 4

(a) Complete the table.

Number of triangles	Number of dots	Number of lines
1	3	3
2	4	5
3	5	7
4	6	9
⋮	⋮	⋮
10		

(b) If there are 2003 lines, find the number of triangles.

Ans: (b) _____

End of Paper 2

Answer Ke

EXAM PAPER 2009

SCHOOL : TAO NAN PRIMARY
SUBJECT : PRIMARY 4 MATHEMATICS

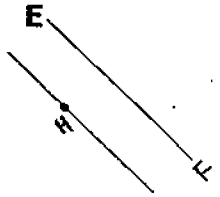
TERM : SA2

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15
1	**2**	**4**	**2**	**3**	**1**	**3**	**1**	**4**	**2**	**10**	**$2\frac{2}{7}$**	**33780**	**939**	**501**

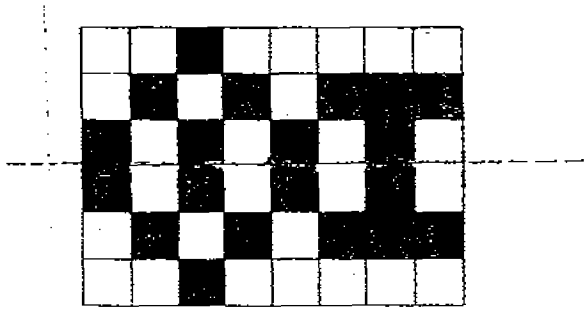
Q16	Q17	Q18	Q19
75°	**4/9**	**36.30**	**$1\frac{5}{8}$**

20)table tennis running **21)6.91, 6.935** **22)180**

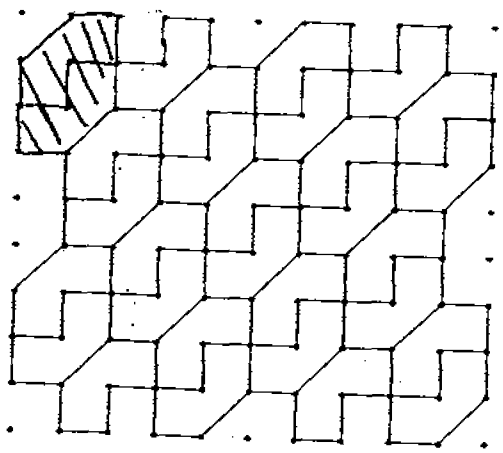
23) E **24)$0.55** **25)4-turns** **26)$1** **27)A**



28)5cm **29)**



30)



Paper 2

1)288÷8=36
36x14=504
The total cost is $504

2)$50x3=$150
$150-$10.50=$139.50
$139.50÷6=$23.25
She paid $23.25 for each can of milk powder.

3)1/5=200/1000
1000-700=300
300/1000-200/1000=100/1000
50/500=10/100=1/10
1/10 of sugar was left.

4)25240÷2=12620
12620x4=50480
There are 50480 men.

5)168÷8=21
21x3=63 pages

6)1.4+0.3=1.7
1.4+0.15=1.55
1.55+1.7=3.25
3.25+1.4=4.65
She used 4.65m of ribbon altogether.

7)1mx2=2m
4m-2m=2m
3.6m+2.4m=6.0m
9m-6.0m=3m
3.6mx2=7.2m_2
1mx2=2m
9m-2.4m=6.6m
6.6mx2m=13.2m_2
2.4mx1=2.4m_2
2.4m_2+13.2m_2=15.6m_2
15.6m_2+7.2m_2=22.8m_2
The total area is 22.8m_2

8)36=6x6
36x4=144
144÷6=24
24+24+6+6=36cm

9)$5.60

10)a)12 21
b)2003-3=2000
2000÷2=1000
1000+1=1001