TAO NAN SCHOOL
PRIMARY 3 END-OF-YEAR EXAMINATION 2012

Name : _____ ( ) Date: 29 October 2012

Class : Primary 3 ( ) Time: 8.00 a.m. - 9.00 a.m.

Parent's Signature : Marks: / 80

MATHEMATICS

PAPER 1

(BOOKLETS A & B)

Time for Paper 1 is 1 hour.

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

Read and follow all instructions carefully.

Answer all questions.

Booklet A	10
Booklet B	40
Total for Paper 1	50

13.

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Paper 1 Booklet A (10 marks)

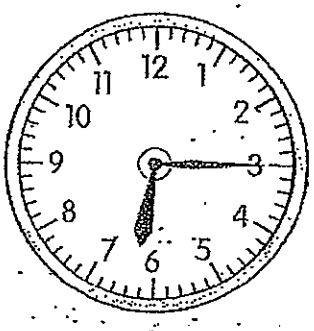
Questions 1 to 10 carry 1 mark each.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3, or 4).
Shade the correct oval on the Optical Answer Sheet (OAS).

---

1. In 6023, the digit '6' is in the _____ place.

   (1) ones
   (2) tens
   (3) hundreds
   (4) thousands

2. The time shown on the clock is _____.



   (1) 15 minutes past 5
   (2) 15 minutes past 6
   (3) 15 minutes to 5
   (4) 15 minutes to 6

3. The difference between 6503 and 2282 is _____.

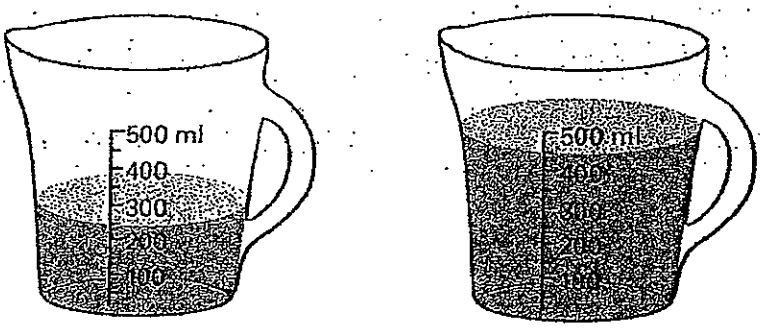
   (1) 4221
   (2) 4225
   (3) 4321
   (4) 4381

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4. Express 8 kg 30 g in grams.

(1) 830 g
(2) 8003 g
(3) 8030 g
(4) 8300 g

5. How much water must be added to the two jugs so that the total volume of water is 1ℓ?



(1) 300
(2) 400
(3) 600
(4) 700

6. $\frac{3}{4}$ is equivalent to _____.

(1) $\frac{3}{12}$

(2) $\frac{6}{12}$

(3) $\frac{8}{12}$

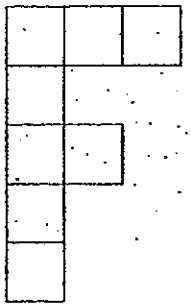
(4) $\frac{9}{12}$

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7 How many tens are there in the quotient of 480 ÷ 4?

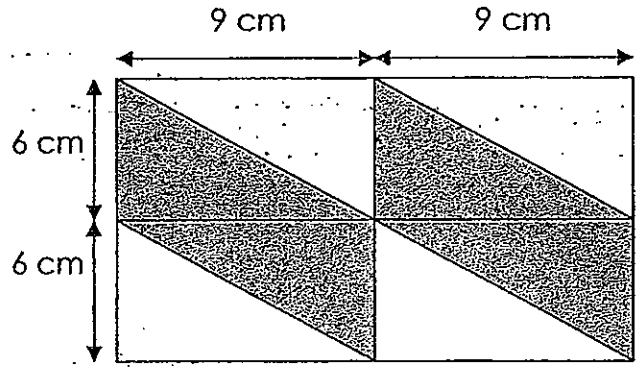
(1) 12
(2) 24
(3) 120
(4) 240

8. The letter F, not drawn to scale, is made up of 2-cm squares.
The perimeter of the letter F is _____ cm.



(1) 16
(2) 18
(3) 32
(4) 36

9. The shaded area of the figure is _____ cm².



(1) 54
(2) 60
(3) 108
(4) 216

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10. There are 12 coins in a box. They add up to $3.90. Some of The coins are 50¢ coins and the rest are 20¢ coins. How many 20¢ coins are there ?

(1) 7
(2) 6
(3) 5
(4) 4

End of Booklet A

11.

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Tao Nan School
Primary 3 Mathematics End-of-Year Examination 2012

Name : _____ ( ) Class : Pr 3 _____

Paper 1 Booklet B (40 marks)

Each question carries 2 marks. Write your answers in the boxes provided.
Give your answers in the units stated.

11. Write the number 9812 in words.

_____

_____

12 Complete the number pattern below.

4281, 4381, 4331, _____, 4381, 4481

Ans: [ ]

13 In the sum below, the same digit is missing from each box.
What is the number?

$$\begin{array}{r} 3589 \\ 43\square \\ +\ 31\square \\ \hline 4333 \end{array}$$

Ans: [ ]

19.

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14. 70 min + 50 min + 25 min = _____ h _____ min

Ans: ____h ____min

15. Divide 567 by 6.
The remainder is _____.

Ans:

16. ☐ X 8 = 192

What is the missing number in the box?

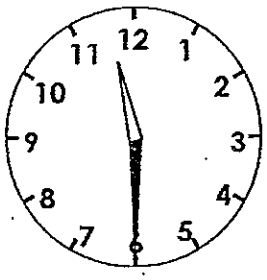
Ans:

17. 1000 x 7 = 1000 x 2 + 1000 x _____

Ans:

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18 In 30 minutes' time, what time will the clock face show?



Ans: [p.m.]

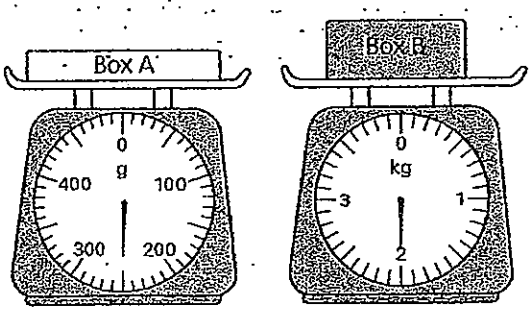
19. Ahmad played soccer for 1 h 15 min.
He stopped playing at 5.35 p.m.
What time did he start playing soccer?

Ans: [p.m.]

20 4 800 m + 250 m = _____ km _____ m

Ans: [km m]

21



Box B is heavier than Box A by _____.

Ans: [g]

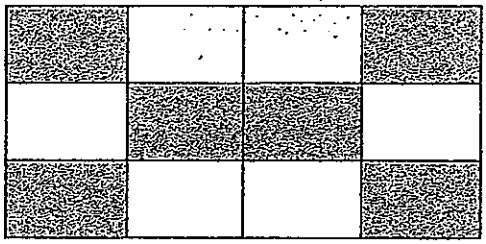
81.

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22 Michael has 950 mℓ of apple juice in a jug. He pours all of it equally into 5 glasses. He drank 2 glasses of the juice. How much apple juice did he drink?

Ans: _____ mℓ

23. How many more rectangles must be shaded so that $\frac{3}{4}$ of the figure is shaded?



Ans: _____

24. $\frac{3}{4} - \frac{1}{12} = \square$ Write your answer in its simplest form.

Ans: _____

25. Arrange the fractions below in descending order.

$\frac{3}{4}$, $\frac{1}{2}$, $\frac{7}{8}$

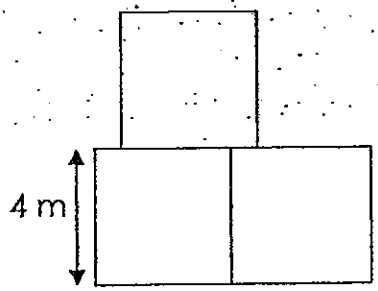
Ans: _____

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26. How many two-dollar notes can I exchange with 24 fifty-cent coins?

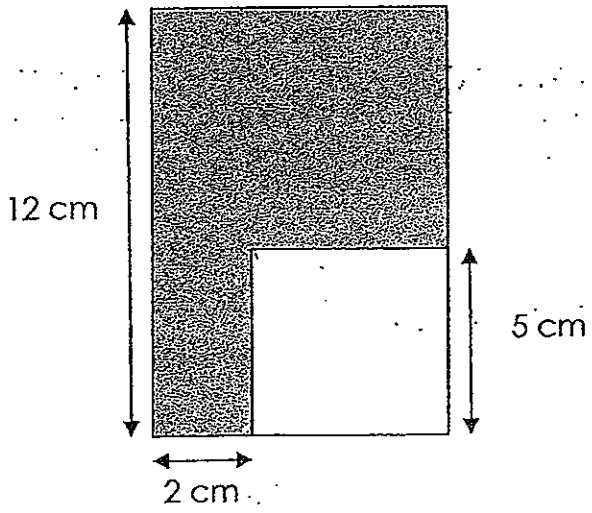
Ans: [ ]

27 The figure below is made up of 3 identical squares. Find the perimeter of the figure.



Ans: [ ] m

28. The figure below is made up of a rectangle and a square. Find the area of the shaded part.



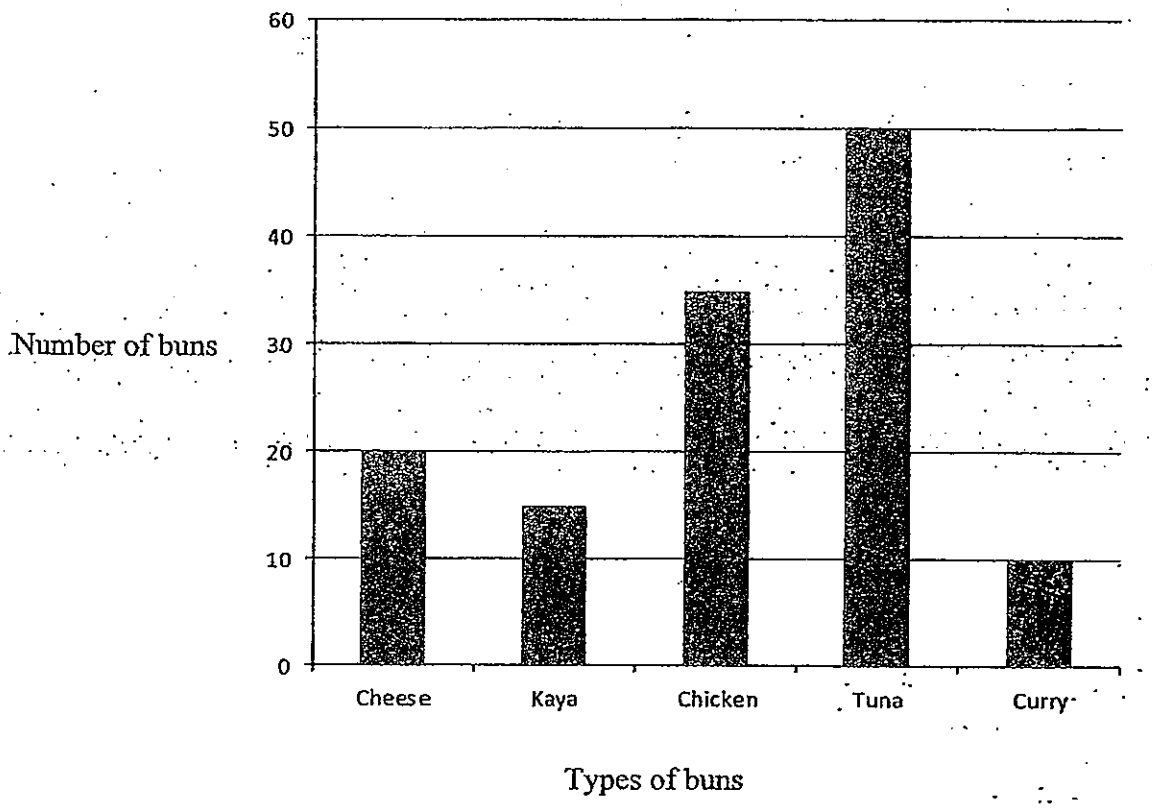
Ans: [ ] cm^2

83.

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Use the bar graph below to answer **questions 29 to 30.**

The bar graph below shows the number of buns Yummy Bakery sold on Friday.



29 How many more chicken buns than cheese buns were sold?

Ans:

30 The number of tuna buns sold was _____ times the total number of kaya and curry buns sold.

Ans:

End of Paper 1

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TAO NAN SCHOOL
PRIMARY 3 END-OF-YEAR EXAMINATION 2012

Name : _____ ( ) Date: 29 October 2012

Class : Primary 3 ( ) Time: 10.30 a.m. - 11.30 a.m.

Parent's Signature : _____ Marks: _____ / 30

MATHEMATICS

PAPER 2

Time for Paper 2 is 1 hour.

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

Read and follow all instructions carefully.

Answer all questions.

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Each question carries 3 marks.
For each of the following word problems, show all your working clearly and write your answers in the spaces provided.

---

1 A ribbon is 990 cm long. It is cut equally into 5 pieces. Linda used 2 of the pieces to tie her hair. What is the total length of the ribbon that Linda used?

Answer: _____

---

2 A lecture theatre has 20 seats in each row. A group of 168 pupils occupied the first 9 rows of seats. How many seats in the first 9 rows were unoccupied by the pupils?

Answer: _____

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3. A baker baked 350 muffins. $\frac{3}{5}$ of the muffins were sold.

How many muffins were left unsold?

Answer: _____

---

4 Ryan has $20 less than Johnny. David has $30 less than Ryan. They have $575 altogether. How much money does Ryan have?

Answer: _____

87.

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5. Alfred is 9 years old. His father will be five times as old as he is in 2 years' time. How old is his father now?

Answer: _____

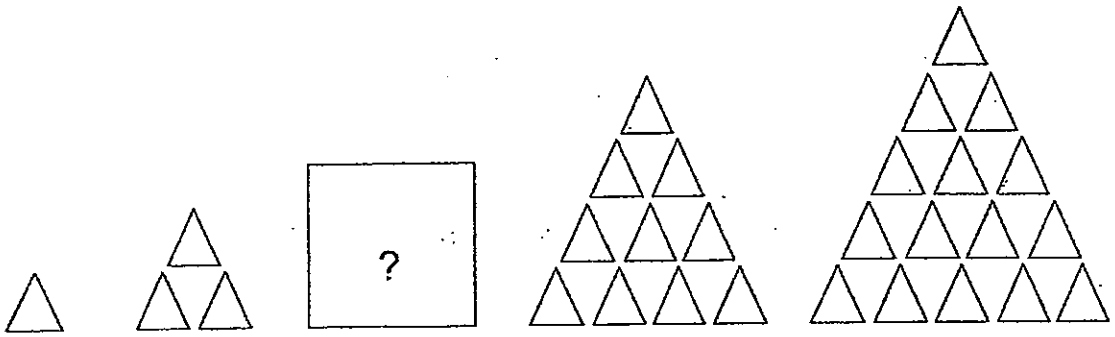
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6 There is a total of 10 hamsters and chicks.
Together, they have 32 legs.
How many hamsters and how many chicks are there?

Answer: _____ hamsters and _____chicks

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7.



Pattern 1 (1 triangle) | Pattern 2 (3 triangles) | Pattern 3 | Pattern 4 (10 triangles) | Pattern 5 (15 triangles)

a) Draw Pattern 3.

b) How many triangles are there in Pattern 8?

Answer: _____

8. Sam had $ 2800. He spent $\frac{3}{4}$ of his money and gave $150 to his brother.

How much money had he left?

Answer: _____

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9. 20 poles are planted along a road at equal distances.

The distance between the first pole and the sixth pole is 35 m.

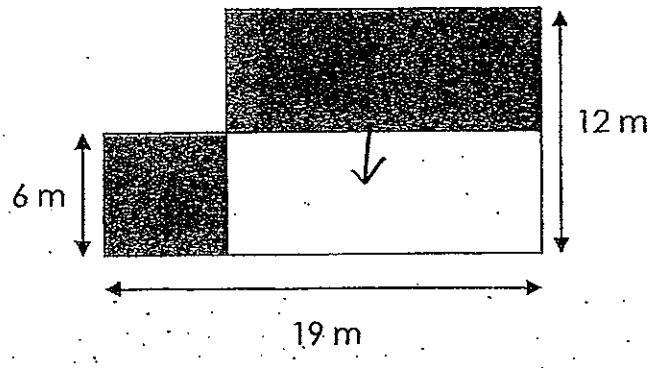
What is the distance between the sixth pole and the last pole?

20th

Answer: _____

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10 The figure below is made up of 2 identical rectangles and a square. Find the perimeter of the shaded parts of the figure.



Answer: _____

End of Paper 2

91.

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ANSWER SHEET

EXAM PAPER 2012
SCHOOL : TAO NAN SCHOOL
SUBJECT : PRIMARY 3 - MATHEMATICS
TERM : SA 2

Booklet A : Paper 1

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

Booklet B: Paper 1

11. Nine thousand, eight hundred and twelve
12. 4431
13. 2
14. 2 h 25 min
15. 3
16. 24
17. 5
18. 12 pm
19. 4.20pm
20. 5 km 50 m
21. 1 kg 750 g
22. 380 ml
23. 3
24. 2/3
25. 7/8, 3/4, ½
26. 6
27. 32 m
28. 59 cm^2
29. 15
30. 2

Paper 2

1. 990÷5=198
   198×2=396
   The length of the ribbon that Linda used is 396 cm.

93.

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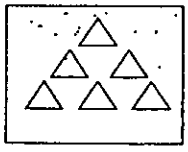
2. 9×20=180
   180-168=12
There are 12 seats in the first 9 rows were unoccupied by the pupils.
3. 5-3=2
   350÷5=70
   70×2=140
There were 140 muffins unsold.

4. 30+30=60
   60+20=80
   575-80=495
   495÷3=165
   165+30=195
Ryan has $195.

5. 9+2=11
   11×5=55
   55-2=53
His father is 53 years old.

6. 4×10=40
   40-32=8
   4-2=2
   8÷2=4
   10-4=6
There are 6 hamsters and 4 chicks.

7. a)



b) 15+6+7+8=36
   There are 36 triangles in Pattern 8.

8. 4-3=1
   2800÷4=700
   700-150=550
He had $550 left.

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9. 6-1=5
35÷5=7
20-6=14
14×7=98
The distance between the sixth and last pole is 98m.

10. 19-6=13
13+6+13+6=38
6+6+6+6=24
24+38=62
The perimeter of the shaded parts of the figure is 62m.

9s.

END

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