PRIMARY 3 END-OF-YEAR EXAMINATION 2014

Name : _____ ( ) Date: 28 October 2014

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

Parent's Signature : _____ Marks: _____ / **80**

MATHEMATICS

PAPER 1

(Booklet A & Booklet 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**

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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 answer on the Optical Answer Sheet (OAS).

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1. In 9 735, the value of the digit 7 is _____.

(1) 7

(2) 70

(3) 700

(4) 7000

2. 4 029 is the same as _____.

(1) 400 + 20 + 9

(2) 4 000 + 20 + 9

(3) 4 000 + 200 + 9

(4) 4 000 + 200 + 90

3. What must be added to 3 970 to make 5 340 ?

(1) 1 370

(2) 1 470

(3) 2 370

(4) 2 630

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4. $6 + 6 + 6 + 6 + 6 = 6 + \square$

(1) 30

(2) 5

(3) 24

(4) 4

5. Kenneth has 7 two-dollar notes and 6 fifty-cent coins. How much money does he have altogether ?

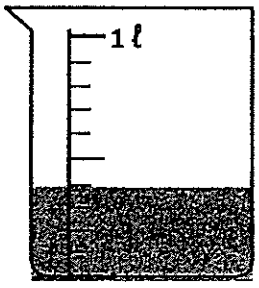
(1) $14.30

(2) $15.50

(3) $17.00

(4) $44.00

6. How much more water must be added to make 500 mℓ ?



(1) 100 mℓ

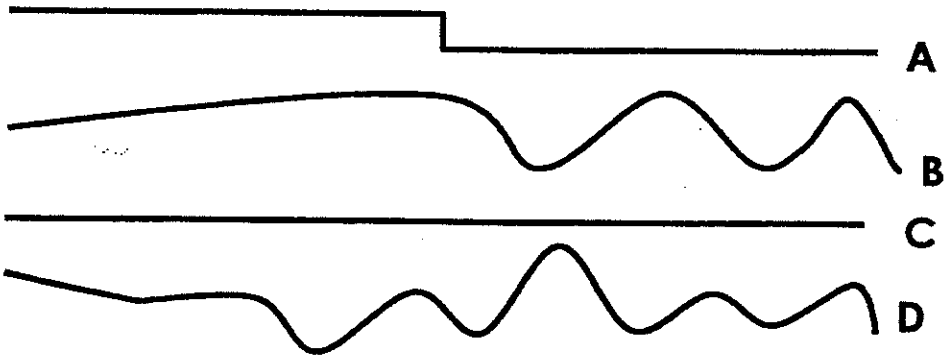
(2) 300 mℓ

(3) 400 mℓ

(4) 600 mℓ

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7. Which of the following is the longest ?



(1) A

(2) B

(3) C

(4) D

8. Which of the the following fractions is not equivalent to $\frac{1}{2}$?

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

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

(3) $\frac{5}{10}$

(4) $\frac{6}{11}$

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9. 45 min + 1 h 25 min = _____ min

(1) 70

(2) 130

(3) 170

(4) 210

10. The breadth of a rectangle is 6 cm. Its length is three times that of the breadth. What is the area of the rectangle ?

(1) 12 cm^2

(2) 18 cm^2

(3) 48 cm^2

(4) 108 cm^2

End of Booklet A

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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.

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11. 6 385 + ☐ = 7 003

Ans : ☐

12. 2 , 4 , 8 , 16 , ___ , 64 , 128
What is the missing number in the pattern ?

Ans : ☐

13. ☐ ÷ 7 = 3 R 5

Ans : ☐

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14. Farah bought 3 bars of chocolate for $6.90 and 5 cans of drinks for $5. She had $18 at first. How much money had she left ?

Ans : $

15. A piece of ribbon is 3 m long. It is cut into 6 equal pieces. What is the length of each piece of ribbon ?

Ans : cm

16. Express 3 kg 85 g in grams.

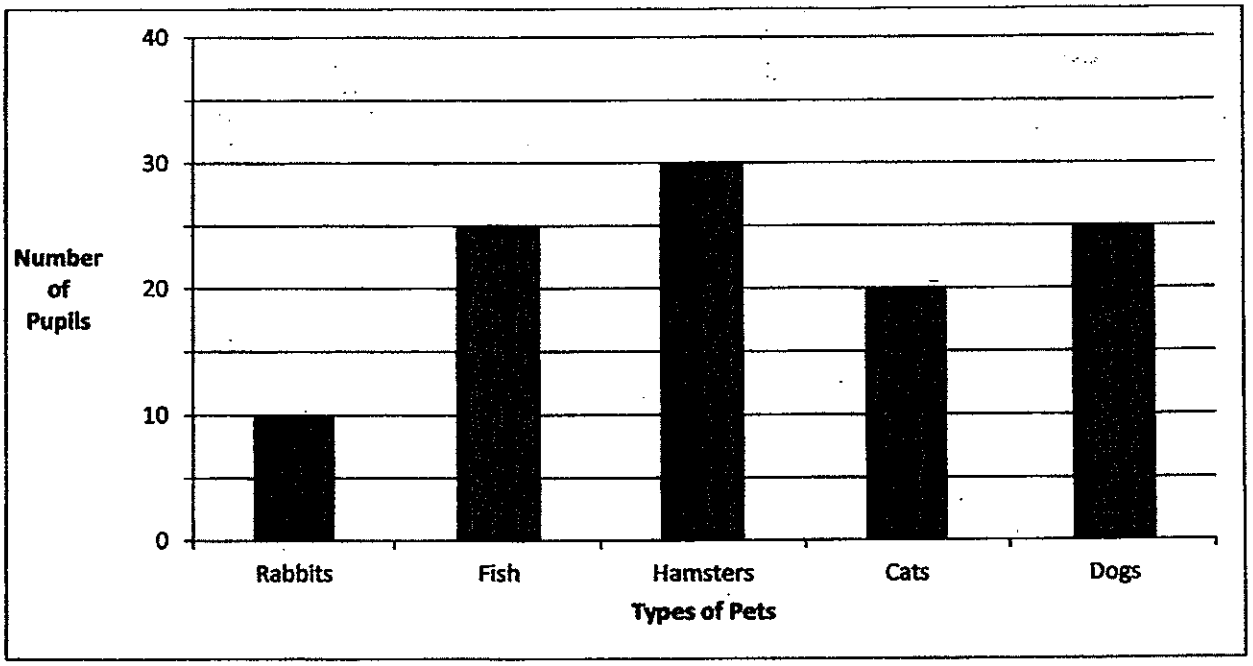
Ans : g

17. 6 270 mℓ = 3 ℓ 30 mℓ + _____ ℓ _____ mℓ

Ans : ℓ mℓ

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Study the graph below carefully and answer questions 18 and 19.
The following graph shows the different types of pets some pupils keep.



18. There were _____ times as many pupils who kept hamsters as those who kept rabbits.

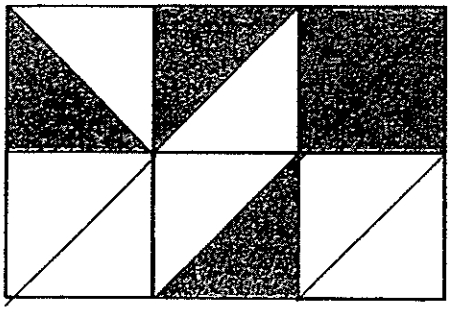
Ans :

19. How many more pupils preferred fish and cats to dogs ?

Ans :

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20. The figure is made up of identical squares.
What fraction of the figure is shaded ?



Ans :

21. Arrange the fractions below in ascending order.

$$\frac{1}{2}, \quad \frac{1}{4}, \quad \frac{1}{8}$$

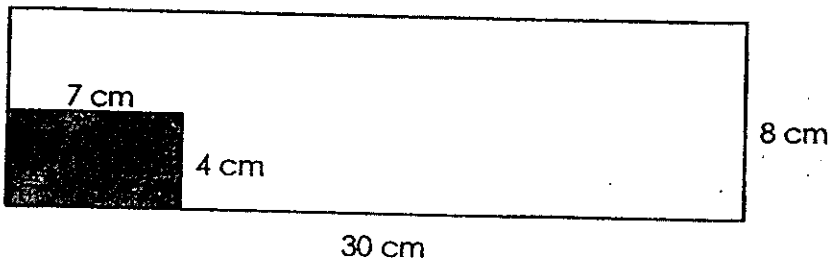
Ans :

22. Jean took 50 min to complete her homework. She completed her homework at 9.05 p.m. What time did she start doing her homework ?

Ans : p.m.

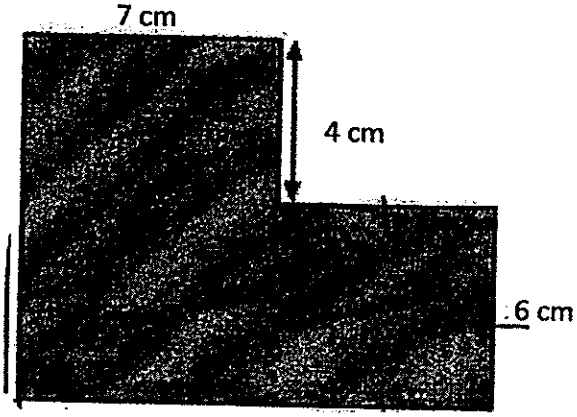
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23. Find the area of the unshaded part of the figure below.



Ans : _____ cm^2

24. The figure below is made up of a square and a rectangle. Find the perimeter of the figure.



Ans : _____ cm

25. The perimeter of a square is 24 cm. Find the area.

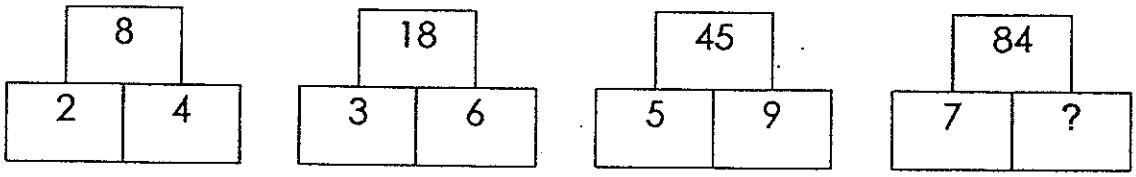
Ans: _____ cm^2

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26. Elsa can make 9 snowballs in one minute. How long will she take to make 423 snowballs ?

Ans : _____ min

27. Observe the following pattern and find the missing number.



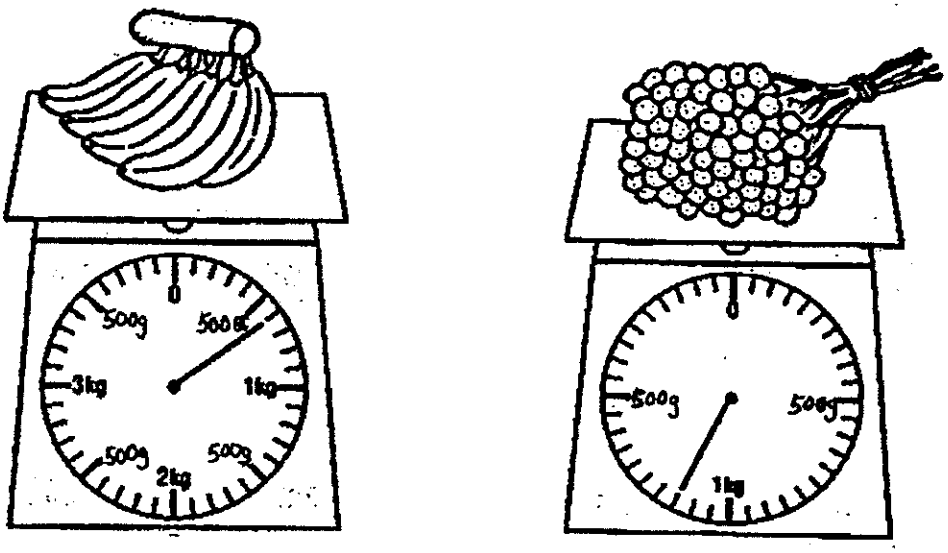
Ans : _____

28. Si Ling has 6 five-dollar notes. She wants to buy a dress which costs $45.90. How much more money does she need ?

Ans : $ _____

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29. Find the difference in mass between the two fruits below.



Ans : _____ g

30. Danny places 20 pencils on a floor. The pencils are placed 6 cm from each other. How far is the last pencil from the first pencil ?

| | | | | ..... | | | | |

1st 20th

Ans : _____ m _____ cm

End of Booklet B

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PRIMARY 3 END-OF-YEAR EXAMINATION 2014

Name :_____ ( ) Date: 28 October 2014

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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Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

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1. Mr Tan earned $4 350 in January.
   He earned $300 more in January than in February.
   How much did Mr Tan earn in both months ?

Ans : _____

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2. In a race, Jared ran, cycled and swam. He ran 2 000 m and cycled thrice that distance. Jared covered a total distance of 8 500 m in the race. What was the distance he swam ?

Ans : _____

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3. The total mass of a carton of bottled drinks is 5 kg. The mass of the empty carton is 200 g. There are 8 bottled drinks in the carton. What is the mass of each bottled drink ?

Ans : _____

4. There were 20 slices of cake. Tom ate 2 slices. His sister ate 3 more slices than him. What fraction of the cake was left ?

Ans : _____

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5. Mandy watched a movie which started at 10.45 a.m. The duration of the movie was 2 h 30 min. She paused the movie for a 10-minute break. What time did the movie end ?

Ans : _____

---

6. Tim has a total of 22 two-dollar and five-dollar notes. He has a total amount of $86. How many five-dollar notes does he have ?

Ans : _____

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7. The sum of Evelyn's age and her mother's age is 50 years old. Three years ago, the mother's age was 3 times that of Evelyn. How old is Evelyn now ?

Ans : _____

8. Hassan and Gopal had 84 marbles altogether. After giving 4 marbles to Gopal, Hassan had 6 times as many marbles as Gopal. How many marbles did Gopal have at first ?

Ans : _____

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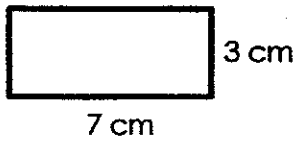
9. Jug A has a capacity of 900 ml. Its capacity is three times as much as the total capacities of Jug B and Jug C. Jug B has a capacity twice as much as Jug C. What is the difference in capacities between Jug B and Jug C ?

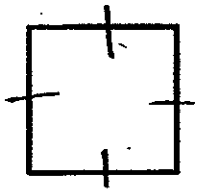
Ans : _____

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10. The length and breadth of the rectangle below are 7 cm and 3 cm respectively. The rectangle and the square below have the same perimeter.

(a) What is the perimeter of the rectangle?
(b) What is the area of the square ?





Ans : (a)_____

(b)_____

End of Paper

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EXAM PAPERS 2014

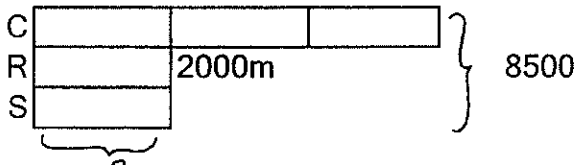
SCHOOL: TAO NAN SCHOOL
SUBJECT: MATHEMATICS
LEVEL: PRIMARY THREE
TERM: SA2

PAPER 1: BOOKLET A

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

PAPER 2

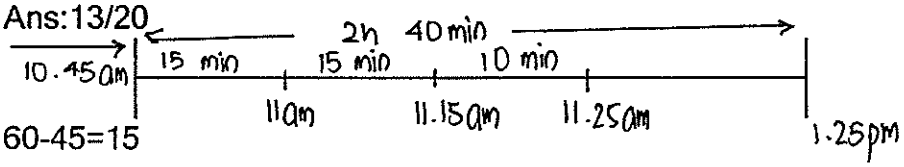
Q1 4350-300=4050
4350+4050=8400
He earned $8400 in both days.
Ans: $8400

Q2


2000x4=8000
8500-8000=500
He swam 500m.
Ans:500m

Q3 5kg=5000g
5000-200=4800
4800÷8=600
The mass of each bottled drink is 600g.
Ans: 600g

Q4 2+3=5
2+5=7
20-7=13
13/20 of the cake was left.
Ans:13/20

Q5


60-45=15
The movie ended at 1.25pm.
Ans:1.25pm.

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Q6

no of 2-dollar notes	no of 5-dollar notes	total no of notes	amt of 2-dollar notes	amt of 5-dollar notes	total amt of notes	Check
10	12	22	10x2=20	12x5=60	20+60=80	X
9	13	22	9x2=18	13x5=65	18+65=83	X
8	14	22	8x2=16	12x5=70	16+70=86	✓

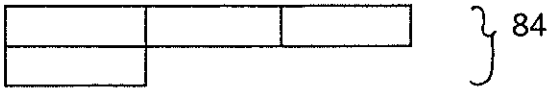
8+14=22
8x2=16
14x5=70
16+70=86
He had 14 five-dollar notes.
Ans: 14 five-dollar notes

Q7



44÷4=11
11+3=14
She is 14 years old now.
Ans: 14 years old

Q8



84÷7=12
12-4=5
He had 8 marbles at first.
Ans: 8 marbles

Q9 900ml÷9=100ml
The difference is 100ml.
Ans: 100ml

Q10 a) 7+7+3+3+3=20
b)20÷4=5
5x5=25
a) The perimeter of rectangle is 20cm.
b) The area of the square is 25cm².

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