



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

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).

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

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?

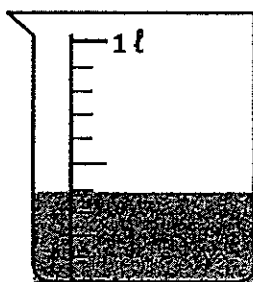
(1) \$14.30

(2) \$15.50

(3) \$17.00

(4) \$44.00

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



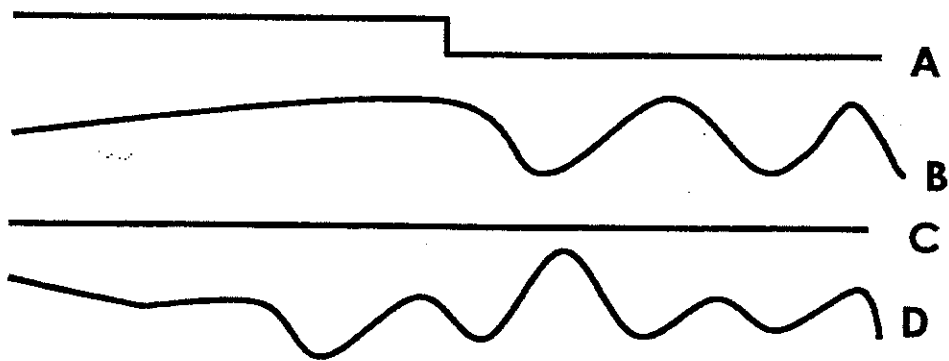
(1) 100 ml

(2) 300 ml

(3) 400 ml

(4) 600 ml

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) $\frac{6}{11}$

9. $45 \text{ min} + 1 \text{ h } 25 \text{ min} = \underline{\hspace{2cm}} \text{ min}$

- (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

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. $6\,385 + \boxed{} = 7\,003$

Ans :

12. $2, 4, 8, 16, \underline{}, 64, 128$

What is the missing number in the pattern ?

Ans :

13. $\boxed{} \div 7 = 3 \text{ R } 5$

Ans :

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 :

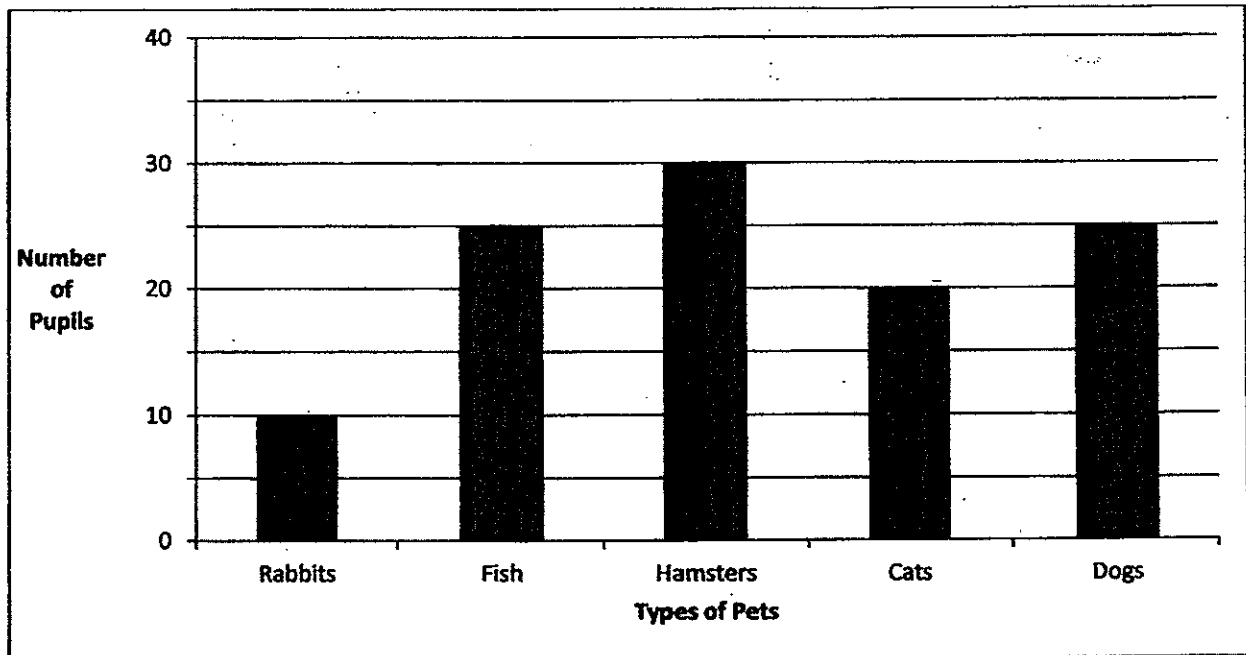
g

17. $6\,270\text{ ml} = 3\text{ l }30\text{ ml} + \text{ ______ l ______ ml}$

Ans :

l ml

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



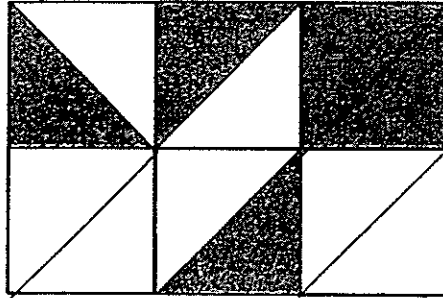
18. There were _____ times as many pupils who kept hamsters as those who kept rabbits.

Ans :

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

Ans :

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.

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

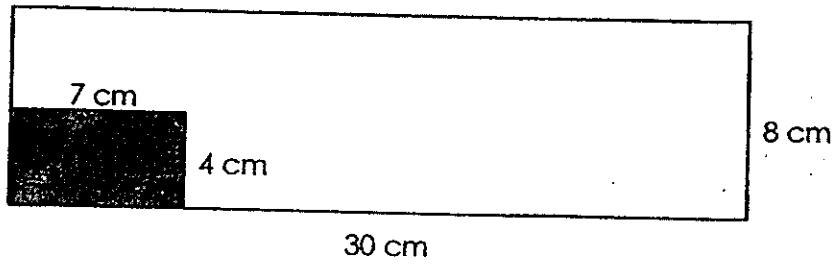
Ans :

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.

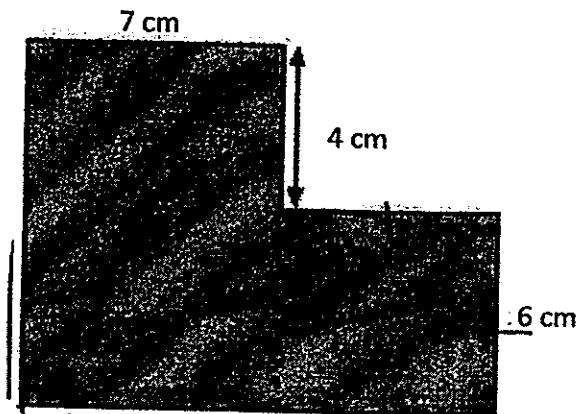
23. Find the area of the unshaded part of the figure below.



Ans :

 cm²

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:

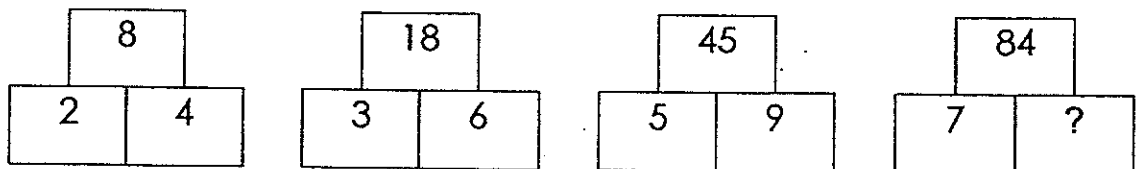
 cm²

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.



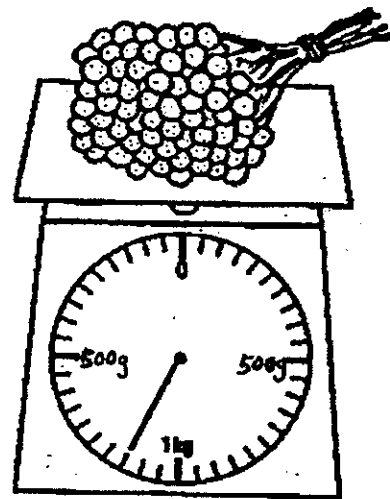
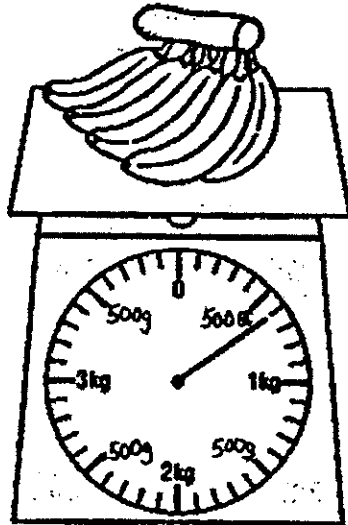
Ans :

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 :

 \$

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 ?



Ans :

 m cm

End of Booklet B



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.

Paper 2 (30 marks)

Each question carries 3 marks.

Show all your working and statements clearly.

-
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 : _____

-
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 : _____

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 : _____

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 : _____

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 ?

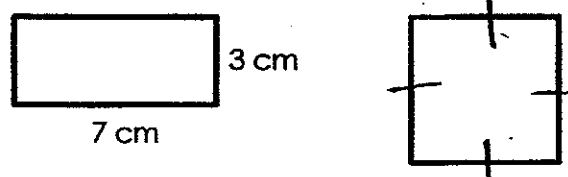
Ans : _____

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 : _____

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

EXAM PAPERS 2014

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

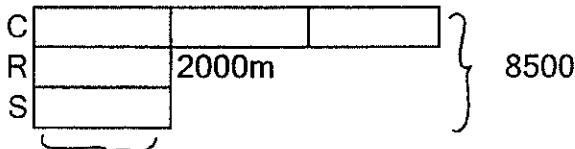
PAPER 1: BOOKLET A

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



$2000 \times 4 = 8000$?

$8500 - 8000 = 500$

He swam 500m.

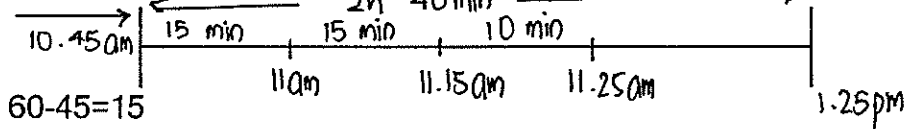
Ans: 500m

Q3 $5\text{kg} = 5000\text{g}$
 $5000 - 200 = 4800$
 $4800 \div 8 = 600$
 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.

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	$10 \times 2 = 20$	$12 \times 5 = 60$	$20 + 60 = 80$	X
9	13	22	$9 \times 2 = 18$	$13 \times 5 = 65$	$18 + 65 = 83$	X
8	14	22	$8 \times 2 = 16$	$12 \times 5 = 70$	$16 + 70 = 86$	✓

$$8 + 14 = 22$$

$$8 \times 2 = 16$$

$$14 \times 5 = 70$$

$$16 + 70 = 86$$

He had 14 five-dollar notes.

Ans: 14 five-dollar notes

Q7

M				} 44
E				

$$44 \div 4 = 11$$

$$11 + 3 = 14$$

She is 14 years old now.

Ans: 14 years old

Q8

H				} 84
G				

$$84 \div 7 = 12$$

$$12 - 4 = 8$$

He had 8 marbles at first.

Ans: 8 marbles

Q9

$$900 \text{ml} \div 9 = 100 \text{ml}$$

The difference is 100ml.

Ans: 100ml

Q10

$$\text{a) } 7 + 7 + 3 + 3 + 3 = 20$$

$$\text{b) } 20 \div 4 = 5$$

$$5 \times 5 = 25$$

a) The perimeter of rectangle is 20cm.

b) The area of the square is 25cm².

