Nan Hua Primary School
Primary 6 Mathematics
Term 1 Non-Weighted Assessment 2024
Paper 1

Marks	
Section A:	/6
Section B:	/12
Total:	**18**

Name: _____ ( )

Class: Primary 6M___

Date: _____

Duration: 25 min

_____
Parent's Signature

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Use dark blue or black ball point pen to write your answers in the space provided for each question.
6. Do not use correction tape/ fluid/ highlighter.
7. The use of calculators is NOT allowed.

This booklet consists of 7 printed pages and 1 blank page.

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Section A

Questions **1** to **4** carry 1 mark each. Question **5** carries 2 marks.
For each question, four options are given. One of them is the correct answer.
Make your choice (1, 2, 3 or 4) and write your answer in the brackets.

(6 marks)

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

$$\frac{3}{4}, \quad \frac{4}{5}, \quad \frac{5}{6}$$

	Greatest		Smallest
(1)	$\frac{4}{5}$,	$\frac{3}{4}$,	$\frac{5}{6}$
(2)	$\frac{5}{6}$,	$\frac{4}{5}$,	$\frac{3}{4}$
(3)	$\frac{3}{4}$,	$\frac{5}{6}$,	$\frac{4}{5}$
(4)	$\frac{4}{5}$,	$\frac{5}{6}$,	$\frac{3}{4}$

( )

2 Express $2\frac{6}{25}$ as a decimal.

(1) 2.06

(2) 2.24

(3) 2.25

(4) 2.60

( )

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3 What is $\frac{5}{12} \times \frac{3}{2}$?

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

(2) $\frac{4}{7}$

(3) $\frac{5}{8}$

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

4 $\frac{2}{3} - \frac{\boxed{?}}{12} = \frac{1}{4}$

What is the missing number?

(1) 1

(2) 5

(3) 3

(4) 11 ( )

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5 A handbag cost $250. Kelly bought the bag and was given a 20% discount.
She had to pay 8% GST on the discounted price.
How much did she pay for the handbag inclusive of the GST?

(1) $180

(2) $184

(3) $216

(4) $220 ( )

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Section B

Questions **6** to **9** carry 1 mark each. Questions **10** to **13** carry 2 marks each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (12 marks)

6 Find the value of $\frac{5}{6} \times 2$. Express your answer as a mixed number in the simplest form.

Ans : _____

7 The product of two fractions is $\frac{3}{8}$. One of the fractions is $\frac{1}{2}$. What is the other fraction?

Ans: _____

8 $\frac{2}{3}$ of a pie was distributed equally among 5 boys. What fraction of the whole pie did each boy receive?

Ans : _____

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9 Mrs Tan has 4 kg of flour. She needs $\frac{1}{5}$ kg of flour to bake a cake.

How many of such cakes can she bake?

Ans : _____

10 Some students attended a concert at a school auditorium. 40% of the students who attended the concert were girls. There were 168 boys who attended the concert. How many students attended the concert altogether?

Ans : _____

11 After an increase of $80, Daniel's monthly allowance became $400. What is the percentage increase in his allowance?

Ans: _____%

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12 Jenny made some milkshake. She drank $\frac{3}{5}$ of it and her three siblings shared the remainder equally. What fraction of the original amount of milkshake did each of her siblings get?

Ans : _____

13 The mass of a container that was $\frac{2}{3}$ - filled with sand was 1200 g. When 220 g of sand was poured out of the container, it became $\frac{1}{2}$ - filled. Find the mass of the empty container.

Ans: _____ g

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Nan Hua Primary School
Primary 6 Mathematics
Term 1 Non-Weighted Assessment 2024
Paper 2

Marks	
Total:	/12

Name: _____ ( )

Class: Primary 6M___

Date: _____

Duration: 20 min

_____
Parent's Signature

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Use dark blue or black ball point pen to write your answers in the space provided for each question.
6. Do not use correction tape/ fluid/ highlighter.
7. The use of calculators is allowed.

This booklet consists of 4 printed pages.

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For questions **1** to **3**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. **(12 marks)**

1 There were 520 principals at a conference. $\frac{2}{5}$ of them were primary school principals. $\frac{1}{4}$ of the remainder were junior college principals. The rest were secondary school principals. Find the number of secondary school principals at the conference.

Ans : _____ [3]

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2 At a concert, 45% of the audience were female adults, 30% were male adults and the rest were children. There were 450 children at the concert.

(a) How many female adults were there at the concert?

Ans: (a) _____ [2]

(b) 150 female adults left the concert before it ended. What percentage of the audience was made up of female adults at the end of the concert?

Ans: (b) _____ [2]

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3 Mr Chan bought a laptop and a printer from a shop. He paid a total of $1824 for these two items after discount. The total discount given for the laptop and printer was $246. Find the percentage discount given for the printer.



Laptop

Usual Price: $1290
Discount Given: 10%



Printer

Usual Price: $?
Discount Given: ? %

Ans: _____ [5]

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Rosyth School
Term Assessment 2024 (Term 1)
Mathematics
Primary 6
Paper 1

Name: _____ Register No. _____

Class: Pr 6 -_____

Date: 27 February 2024 Parent's Signature: _____

Total Time for Booklets A and B : 1 hour

BOOKLET A

Instructions to Pupils:

1. Do not open this booklet until you are told to do so.
2. Follow all instructions carefully.
3. Shade your answers in the Optical Answer Sheet (OAS) provided.
4. You are **not** allowed to use a calculator.
5. Answer all questions.

Section	Maximum Mark	Marks Obtained
Paper 1 (Booklet A)	20	

* This booklet consists of 7 pages (including this cover page).

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Questions **1** to **10** carry 1 mark each. Questions **11** to **15** carry 2 marks 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 oval (1, 2, 3 or 4) on the Optical Answer Sheet.

All diagrams in this paper are not drawn to scale unless stated otherwise.

(20 marks)

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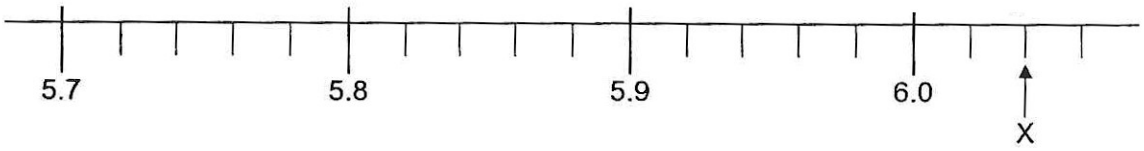
1. There were 124 089 visitors to a tourist attraction last year.
   Express this number to the nearest thousand.

   (1) 100 000
   (2) 120 000
   (3) 124 000
   (4) 125 000 ( )

2. What is the value of 10 ÷ 2000?

   (1) 200
   (2) 20
   (3) 0.05
   (4) 0.005 ( )

3. Part of a scale is shown below.
   What is the value of the reading at X?



   (1) 6.02
   (2) 6.04
   (3) 6.2
   (4) 6.4 ( )

(Go on to the next page)

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4. Arrange the following fractions from the smallest to the largest:

$$\frac{5}{4}, \quad 1\frac{1}{7}, \quad \frac{11}{10}$$

(1) $1\frac{1}{7}, \quad \frac{11}{10}, \quad \frac{5}{4}$

(2) $\frac{5}{4}, \quad \frac{11}{10}, \quad 1\frac{1}{7}$

(3) $\frac{11}{10}, \quad \frac{5}{4}, \quad 1\frac{1}{7}$

(4) $\frac{11}{10}, \quad 1\frac{1}{7}, \quad \frac{5}{4}$ ( )

5. The ratio of two different numbers is 3 : 2. The larger number is 60. What is the smaller number?

(1) 20

(2) 24

(3) 30

(4) 40 ( )

6. Mary collected 36 stamps. Her sister collected 12 fewer stamps than her. Find the ratio of Mary's number of stamps to her sister's number of stamps.

(1) 2 : 3

(2) 3 : 1

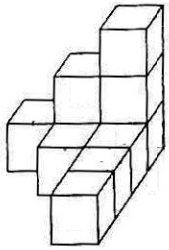
(3) 3 : 2

(4) 3 : 4 ( )

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7. The figure below shows 10 identical cubes which are glued together to form a solid.



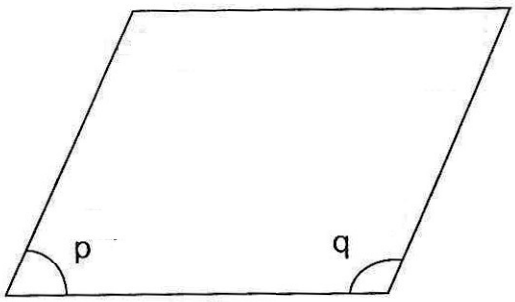
The whole solid, including the base, is then painted red.
How many cubes have three of their faces painted red?

(1) 7
(2) 2
(3) 3
(4) 9 ( )

8. Lukman donated 20% of his savings and still had $380 of his savings left. How much money did he donate?

(1) $76
(2) $95
(3) $285
(4) $304 ( )

9. The parallelogram below is not drawn to scale. ∠q is twice of ∠p.
What is the value of ∠p?

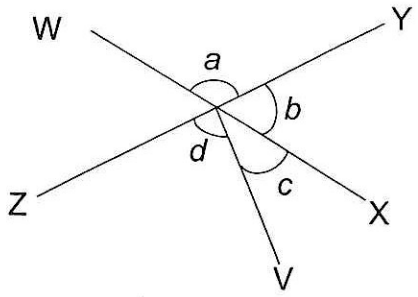


(1) 120°
(2) 90°
(3) 60°
(4) 30° ( )

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10. WX and YZ are straight lines.



Which of the following is true?

(1) $\angle a = \angle b + \angle c$

(2) $\angle d = \angle a + \angle b$

(3) $\angle a + \angle b + \angle c = 180°$

(4) $\angle b + \angle c + \angle d = 180°$ ( )

11. The airmail rates to two countries are shown below.

Mass step	**Vietnam**	**Japan**
First 20 g	\$0.95	\$1.55
Every additional 10 g	\$0.25	\$0.35

Wakeen sent a letter weighing 43 g to Vietnam and a letter weighing 10 g to Japan by airmail. How much did he pay altogether?

(1) \$1.70

(2) \$2.75

(3) \$3.25

(4) \$3.70 ( )

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12. The table below shows the different courses some children in a swimming club are attending.

	Boys	Girls
Beginner course	6	8
Advanced course	10	16

What percentage of the boys in the club attend the advanced course?

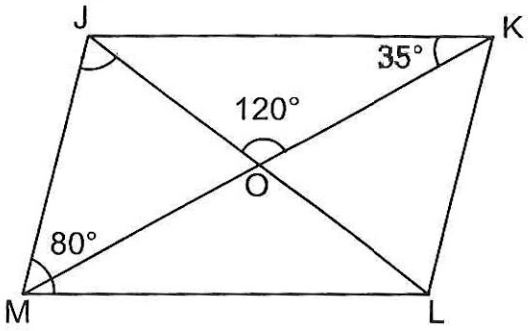
(1) 10%

(2) 25%

(3) 37.5%

(4) 62.5% ( )

13. JKLM is a parallelogram. $\angle JML = 80°$ and $\angle JOK = 120°$ and $\angle JKM = 35°$. Find $\angle MJL$.



(1) 25°

(2) 40°

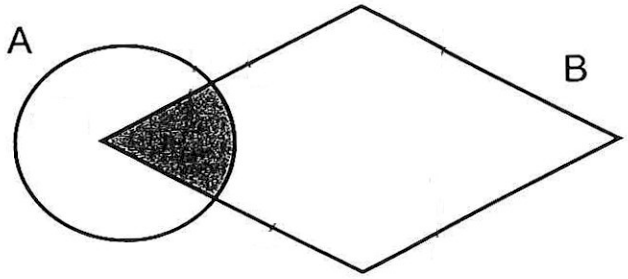
(3) 55°

(4) 65° ( )

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14. The figure below is made up of a circle A and a rhombus B. The area of the shaded part is $\frac{2}{5}$ of the area of A. The ratio of the area of the shaded part to the area of B is 3 : 8. What is the ratio of the area of the shaded part to the whole area of the figure?



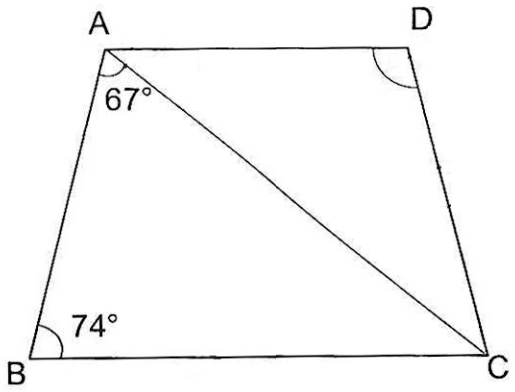
(1) 6 : 25

(2) 6 : 31

(3) 12 : 31

(4) 5 : 13

15. The figure shows a trapezium ABCD where AD = CD and AD // BC. Find ∠ADC.



(1) 39°

(2) 74°

(3) 102°

(4) 141° ( )

Go on to Booklet B

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