Nan Hua Primary School
Primary 4 Mathematics
Term 1 Weighted Assessment 2023

Marks	
Section A:	/10
Section B:	/8
Section C:	/7
Total:	**/25**

Name: _____ ( )

Class: Primary 4M _____

Date: _____

_____
Parent's Signature

Answer all questions.

Section A (10 marks)

Questions **1** to **6** carry 1 mark each and questions **7** to **8** 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) and write your answer in the bracket provided.

1 Which of the following is seventy thousand, three hundred and forty in numerals?

(1) 70 034
(2) 70 304
(3) 70 340
(4) 73 400 ( )

2 Arrange the following number from the largest to the smallest.

42 182	42 281	41 822

	Largest				Smallest
(1)	42 281	,	41 822	,	42 182
(2)	42 281	,	42 182	,	41 822
(3)	41 822	,	42 182	,	42 281
(4)	41 822	,	42 281	,	42 182

( )

Score	/ 2

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3 In the following number pattern, what is the missing number?

21 978, _____ , 21 778, 21 678, 21 578

(1) 22 178
(2) 22 078
(3) 21 968
(4) 21 878 ( )

4 Which of the following numbers when rounded to the nearest hundred becomes 49 000?

(1) 48 875
(2) 48 965
(3) 49 099
(4) 49 144 ( )

5 Which of the following is a factor of both 12 and 28?

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

6 Which of the following is a multiple of both 4 and 6?

(1) 10
(2) 12
(3) 16
(4) 18 ( )

Score	
	4

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7 Peter stored 3425 boxes of masks in the warehouse.
He sold 625 boxes masks on Monday and 2150 boxes of masks on Tuesday.
How many boxes of masks is he left with?

(1) 2800
(2) 2775
(3) 1275
(4) 650 ( )

8 The sum of two numbers is 75. One of the numbers is a multiple of 8. The other number is a factor of 21. What is the difference between the 2 numbers?

(1) 72
(2) 69
(3) 54
(4) 46 ( )

Score	
	4

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Section B (8 marks)

Questions 9 to 12 carry 2 marks each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

9 A number is 5800 when rounded to the nearest hundred.

What are the smallest and greatest possible numbers?

Ans: (a) Smallest: _____ [1]

(b) Greatest: _____ [1]

10 There are 2400 red and blue stickers in a shop.

The number of red stickers is three times as many as the number of blue stickers.

How many blue stickers are there?

Ans: _____

Score	
	4

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11 Mr Tan bought 125 boxes of chocolates.
Each box contained 28 chocolates.
How many chocolates did Mr Tan buy in total?

Ans: _____

12 Mr Lim bought a bag of candies for his students.
If he gives each student 6 candies, he will not have any candies left.
If he gives each student 8 candies, he will be short of 6 candies.
How many students did he have?

Ans: _____

Score	/ 4

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Section C (6 marks)

For questions **13** and **14**, 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.

13 Three ovens and two printers cost $2300.

A printer cost $80 more than an oven.

What is the cost of an oven?

Ans: _____ [3]

Score	
	3

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14 John had twice as much money as Ken.
After John spent $1064, Ken had four times as much money as John.

a) How much money did John have in the end?

Ans: (a) _____ [2]

b) How much money did the both of them have at first?

Ans: (b) _____ [2]

End of Paper

Score	
	4

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Nan Hua Primary School
Primary 4 Mathematics
Term 2 Weighted Assessment 2023

Marks	
Section A:	/10
Section B:	/8
Section C	/7
Total:	**/25**

Name: _____ ( )

Class: Primary 4M _____

Date: _____

Duration: 40 minutes

_____
Parent's Signature

Answer all questions.

Section A

Questions 1 to 6 carry 1 mark each.
Questions 7 to 8 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) and write your answer in the bracket provided. (10 marks)

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1. $3\frac{2}{5} = \frac{\square}{5}$

What is the missing number in the box?

(1) 10

(2) 15

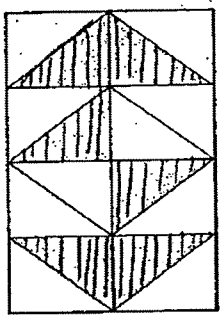
(3) 17

(4) 32 ( )

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2 The figure below is made up of identical triangles. What fraction of the figure is shaded?



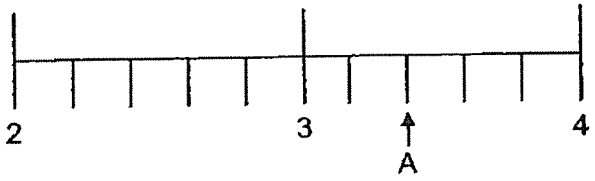
(1) $\frac{3}{4}$

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

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

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

3 In the number line, what is the mixed number represented by A?



(1) $2\frac{7}{10}$

(2) $2\frac{7}{12}$

(3) $3\frac{2}{5}$

(4) $3\frac{2}{6}$ ( )

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4 Find the value of $\frac{7}{8} - \frac{1}{4}$

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

(2) $\frac{6}{8}$

(3) $1\frac{1}{8}$

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

5 Find the value of $\frac{1}{3} + \frac{2}{9} + \frac{7}{9}$

(1) $1\frac{1}{9}$

(2) $1\frac{2}{9}$

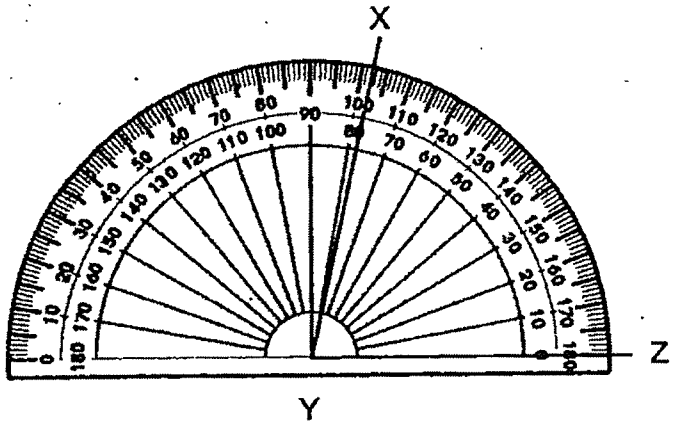
(3) $1\frac{1}{3}$

(4) $1\frac{2}{3}$ ( )

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6 What is the size of ∠XYZ?



(1) 78°

(2) 82°

(3) 102°

(4) 118° ( )

(Go on to the next page)

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

$$1\frac{1}{4} \ , \ \frac{12}{11} \ , \ 1\frac{1}{8}$$

(smallest) *(greatest)*

(1) $1\frac{1}{4}$, $1\frac{1}{8}$, $\frac{12}{11}$

(2) $1\frac{1}{8}$, $\frac{12}{11}$, $1\frac{1}{4}$

(3) $\frac{12}{11}$, $1\frac{1}{4}$, $1\frac{1}{8}$

(4) $\frac{12}{11}$, $1\frac{1}{8}$, $1\frac{1}{4}$ ( )

8 Jane had 6 cakes. She gave $\frac{1}{2}$ of a cake to her sister and $\frac{1}{3}$ of a cake to her brother. How many cakes had she left?

(1) $\frac{2}{5}$

(2) $\frac{5}{6}$

(3) $5\frac{1}{6}$

(4) $5\frac{3}{5}$ ( )

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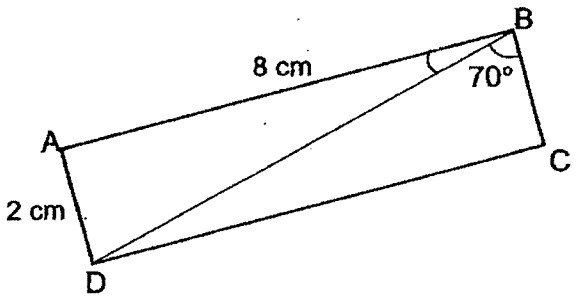
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Section B

Questions **9** to **12** carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (8 marks)

9 ABCD is a rectangle. $\angle DBC = 70°$.



(a) Find the length of DC.

Ans : (a) _____ cm

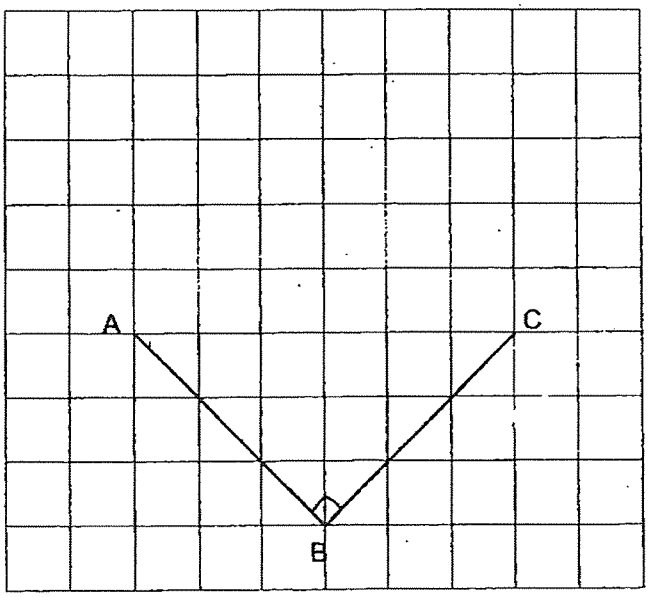
(b) Find $\angle ABD$.

Ans : (b) _____ °

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10 In the grid below, draw and label the square ABCD. Lines AB and BC have been drawn for you.

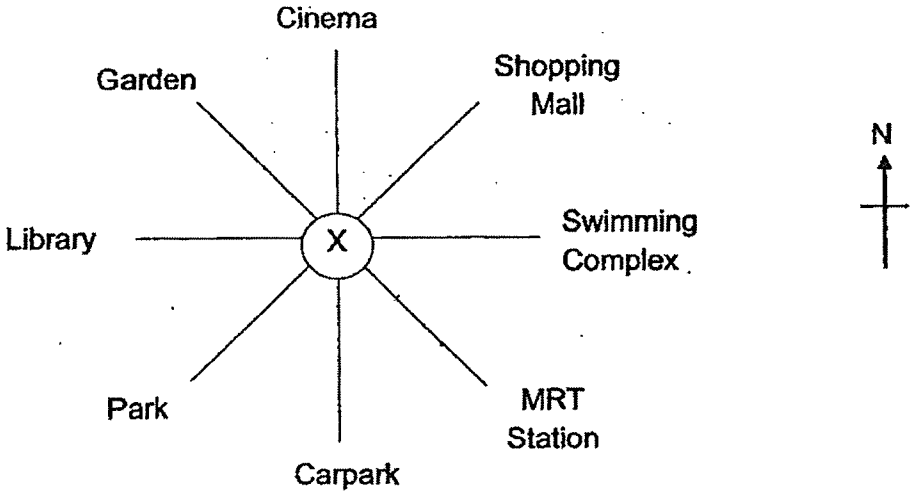


11 Emma has 24 apples and oranges. $\frac{3}{8}$ of the fruits are apples. How many more oranges than apples does Emma have?

Ans : _____

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12 Simon was standing at Point X.



After making a 135° anticlockwise turn, he ended up facing the MRT Station.
Where was he facing at first?

Ans : _____

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Section C

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For questions 13 to 14, show your working clearly and write your answers in the spaces provided. The number of marks is shown in brackets [ ] at the end of each question or part-question. (7 marks)

13 Amy has $\frac{3}{5}$ kg of sugar. Bala has $\frac{1}{3}$ kg of sugar more than Amy.

(a) How much sugar does Bala have? Express your answer in its simplest form.

Ans: (a) _____ [2]

(b) How much sugar do they have altogether? Express your answer in its simplest form.

Ans: (b) _____

(Go on to the next page)

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14 $\frac{1}{3}$ of a bottle was filled with orange juice. After John poured in another 600 ml of orange juice, it became $\frac{5}{9}$ full. How much orange juice can the bottle hold when it is completely full? Give your answer in millilitres.

Do not write in this space

Ans: _____ [3]

End of Paper

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Nan Hua Primary School
Primary 4 Mathematics
Term 3 Weighted Assessment 2023

Marks	
Section A:	/10
Section B:	/8
Section C:	/7
Total:	**/25**

Name: _____ ( )

Class: Primary 4M _____

Date: _____

Duration: 40 minutes

_____
Parent's Signature

Answer all questions.

Section A (10 marks)

Questions 1 to 6 carry 1 mark each. Questions 7 and 8 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) and write your answer in the bracket provided.

1 Arrange the following decimals in decreasing order.

7.051	7.101	7.011	7.105

	Greatest			Smallest
(1)	7.011,	7.051,	7.101,	7.105
(2)	7.011,	7.105,	7.051,	7.101
(3)	7.105,	7.011,	7.101,	7.051
(4)	7.105,	7.101,	7.051,	7.011

( )

2 Round 38.695 to the nearest tenth.

(1) 38.0
(2) 38.6
(3) 38.7
(4) 39.0

( )

This paper consists of 7 printed pages & 1 blank page.

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3 Express $5\frac{9}{25}$ as a decimal.

(1) 5.09
(2) 5.25
(3) 5.36
(4) 5.90 ( )

4 Express 2.003 as a fraction.

(1) $2\frac{1}{3}$
(2) $2\frac{3}{10}$
(3) $2\frac{3}{100}$
(4) $2\frac{3}{1000}$ ( )

5 What is the missing number in the box?

8.175 = 8 + 0.1 + ☐ + 0.005

(1) 0.007
(2) 0.07
(3) 0.7
(4) 7 ( )

Score /3

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6 3.46 is 0.1 more than _____.

(1) 3:36
(2) 3.45
(3) 3.47
(4) 3.56 ( )

7 A pen cost $2.60. Diana bought two pens and gave the cashier $10. How much change did she get?

(1) $4.80
(2) $5.20
(3) $7.40
(4) $12.60 ( )

8 The total length of one yellow ribbon and one green ribbon is 8.7 m.
Each yellow ribbon is twice as long as the green ribbon.
What is the length of the yellow ribbon?

(1) 1.45 m
(2) 2.90 m
(3) 4.35 m
(4) 5.80 m ( )

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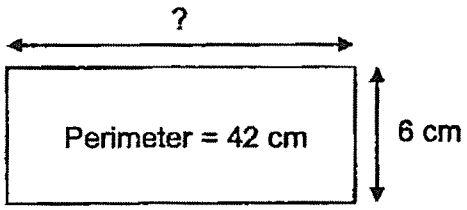
Score	/5

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Section B (8 marks)

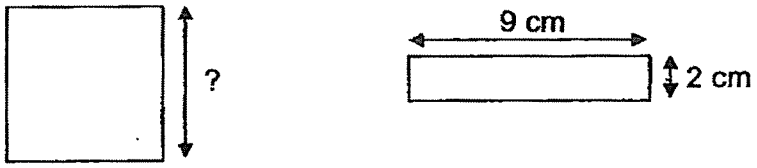
Questions **9** to **12** carry 2 marks each. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

9 Find the length of the rectangle given its perimeter.



Ans: _____ cm

10 The area of the square is twice the area of the rectangle. Find the length of one side of the square.



Ans: _____ cm

Score	/ 4

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11 In a long jump competition, Aaron and Benson jumped the same distance while Caleb jumped 0.18 m more than Aaron. If the three boys jumped a total distance 4.56 m, how far did Aaron jump?

Ans: _____ m

12 The price of apples sold in a shop is as follows:

One apple costs $0.90
A pack of five apples costs $3.75

Alice wants to buy 12 apples. What is the least amount of money she has to pay?

Ans: $ _____

(Go on to the next page)

Score	/4

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Section C (7 marks)

Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

13 A dress and five identical T-shirts cost $132.50.
A dress and two of the identical T-shirts cost $75.80.
What is the cost of one T-shirt?

Ans: _____ [3m]

Score	/3

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14

Musuem of Ice Cream



Entrance fees:	
Adult:	$28.90
Child: (12 years old and below)	$?

Weekend Family Package
Two adults: $55
First two children: $15.90 each
Additional child: $12 each

(a) Mrs Lim brought her two children under the age of 12 to the Musuem of Ice Cream on Wednesday. She paid $61.90 in total. What is the entrance fee for a child under 12 years old?

Ans: (a) _____ [2m]

(b) Mr and Mrs Tan brought their three children under the age of 12 to the Museum of Ice Cream on Saturday. How much did they pay for the entrance tickets altogether?

Ans: (b) _____ [2m]

End of Paper

Score	/4

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SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 WA1, WA2 AND WA3

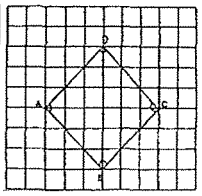
WA1

Q1	3	Q2	2	Q3	4	Q4	2	Q5	4
Q6	2	Q7	4	Q8	2				

Q9a	5800 - 50 = **5750**
Q9b	5800 + 49 = **5849**
Q10	4u = 2400 1u = **600**
Q11	125 x 28 = **3500**
Q12	3
Q13	80 x 2 = 160 5u = 2300 - 160 = 2140 1u = 2140 ÷ 5 = **$428**
Q14a	7u = 1064 1u = 1064 ÷ 7 = **$152**
Q14b	12u = 12 x $152 = **$1824**

WA2

Q1	3	Q2	3	Q3	3	Q4	1	Q5	3
Q6	1	Q7	4	Q8	3				

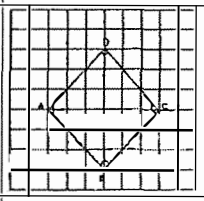
Q9a	8 cm
Q9b	90° - 70° = **20°**
Q10	
Q11	125 x 28 = **3500**

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SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 WA2

WA2

Q1	3	Q2	3	Q3	3	Q4	1	Q5	3
Q6	1	Q7	4	Q8	3				

Q9a	8 cm
Q9b	90° - 70° = **20°**
Q10	
Q11	125 x 28 = **3500**
Q12	Library
Q13a	$\frac{1}{3} + \frac{3}{5} = \frac{9}{15} + \frac{5}{15} = \mathbf{\frac{14}{15}}$ **kg**
Q13b	$\frac{14}{15} + \frac{3}{5} = \frac{9}{15} + \frac{14}{15} = \mathbf{1\frac{8}{15}}$ **kg**
Q14	$\frac{5}{9} - \frac{1}{3} = \frac{5}{9} - \frac{3}{9} = \frac{2}{9}$ kg 2u = 600 1u = 300 9u = 300 x 9 = **2700 ml**

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SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 4
SUBJECT : MATHEMATICS
TERM : 2023 WA3

WA3

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

Q9	42 ÷ 2 = 21 21 - 6 = **15 cm**
Q10	18 x 2 = 36 6 x 6 = 36 Ans: **6 cm**
Q11	4.56 - 0.18 = 4.38 4.38 ÷ 3 = **1.46 m**
Q12	3.75 x 2 = 7.5 0.9 x 2 = 1.8 1.8 + 7.5 = **$9.30**
Q13	5 - 2 = 3 132.5 - 75.8 = 56.7 56.7 ÷ 3 = **$18.90**
Q14a	61.9 - 28.9 = 33 33 ÷ 2 = **$16.50**
Q14b	15.9 x 2 = 31.8 31.8 + 12 = 43.8 43.8 + 55 = **$98.80**

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