Nan Hua Primary School
Primary 3 Mathematics
Term 1 Weighted Assessment 2023

Marks	
Section A:	/8
Section B:	/6
Section C	/6
Total:	/20

Name: _____ (   )

Class: Primary 3/_____

Date: _____

_____
Parent's Signature

Answer all questions.

<u>Section A</u>

Questions **1** to **8** 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) and write your answer in the bracket provided.   (8 marks)

1   Which of the following is six thousand and forty-five in numerals?

   (1)   6540

   (2)   6450

   (3)   6054

   (4)   6045·   (   )

2   What is the value of the digit 7 in 8271?

   (1)   7

   (2)   70

   (3)   700

   (4)   7000   (   )

3 Arrange the following numbers from the greatest to the smallest.

(2380)   (2083)   (2803)

Greatest   Smallest

(1)   2380   ,   2803   ,   2083

(2)   2380   ,   2083   ,   2803

(3)   2803   ,   2380   ,   2083

(4)   2803   ,   2083   ,   2380   (   )

4 Find the difference between 3456 and 789.

(1)   2667

(2)   3135

(3)   3333

(4)   4245   (   )

5 In the number pattern below, what is the missing number?

4100, 4135, 4170, _____, 4240, 4275

(1)   4195

(2)   4200

(3)   4205

(4)   4215   (   )

6   Write $6.05 in cents.

    (1)   65 ¢

    (2)   605 ¢

    (3)   650 ¢

    (4)   6005 ¢   (   )

7   Arrange the items from the most expensive to the cheapest.
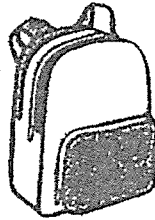
storybook	bag	water bottle
$18.95	$39.90	$20.50

    (1)   bag   ,   storybook   ,   water bottle

    (2)   bag   ,   water bottle ,   storybook

    (3)   storybook   ,   water bottle ,   bag

    (4)   water bottle ,   bag   ,   storybook   (   )

13 6169 people were watching a soccer match. 4096 of them were men and the rest were women. How many fewer women than men were there?

Ans: _____ [3]

End of Paper

Nan Hua Primary School

Primary 3 Mathematics

Term 2 Weighted Assessment 2023

Marks	
Section A:	/8
Section B:	/6
Section C	/6
Total:	/20

Name: _____ ( )

Class: Primary 3 _____

Date: _____

Duration: 30mintues

Answer all questions.

Parent's Signature

Section A

Questions **1** to **8** 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) and write your answer in the bracket provided.   (8 marks)

1   6 fives is the same as_____.

   (1)   6 x 6 x 6 x 6 x 6

   (2)   6 + 6 + 6 + 6 + 6

   (3)   5 x 5 x 5 x 5 x 5 x 5

   (4)   5 + 5 + 5 + 5 + 5 + 5   (   )

2   Find the product of 309 and 7.

   (1)   2102

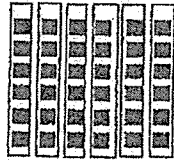   (2)   2103

   (3)   2163

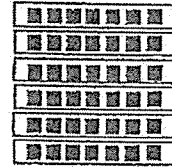   (4)   2172   (   )

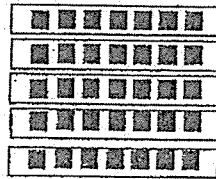3 . Which picture shows 5 multiply by 7?
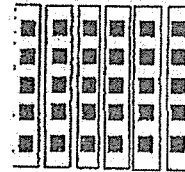
(1)

(2)

(3)

(4)

(   )

4   There were 72 chairs in the school hall. The prefects arranged 8 chairs in each
     row. How many rows of chairs did they arrange?

(1)   6

(2)   7

(3)   8

(4)   9   (   )

5   The librarian packed 384 books equally into 8 boxes for P1 classes to read
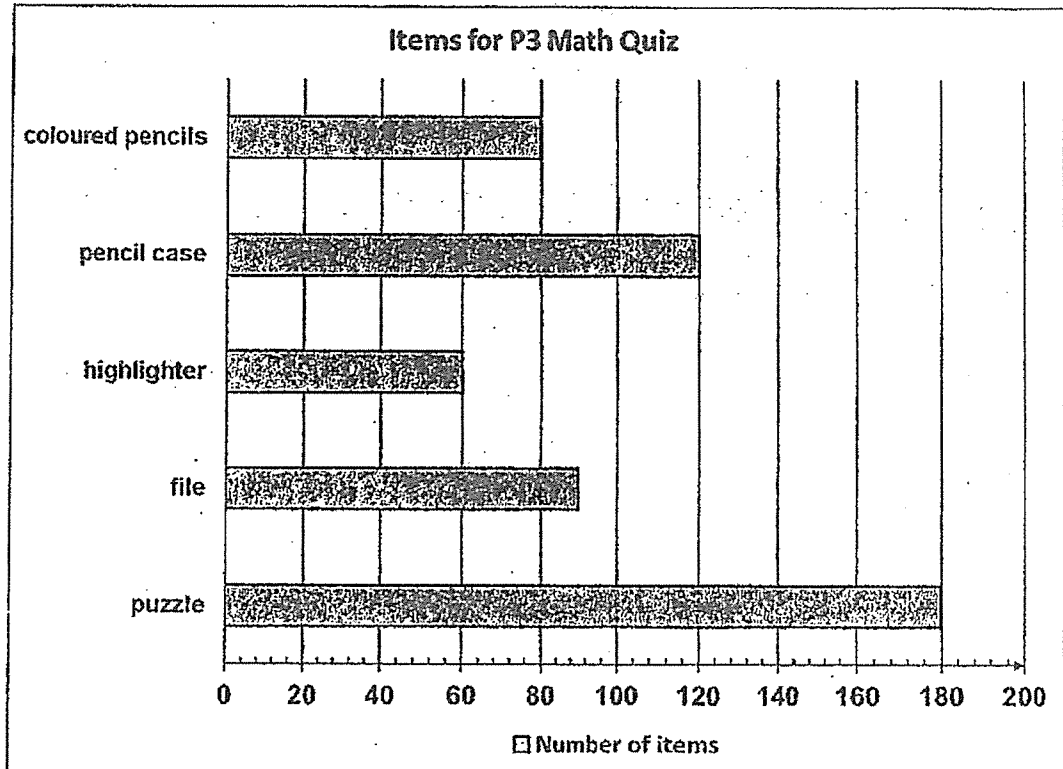   during morning assembly. How many books did she pack in a box?

(1)   42

(2)   44

(3)   46

(4)   48   (   )

6   The bar graph shows the items that Mdm Ong purchased to give away as prizes

for P3 quizzes. She purchased 3 times as many puzzles as the _____ .

Items for P3 Math Quiz

Item	
coloured pencils	80
pencil case	120
highlighter	60
file	90
puzzle	180

0   20   40   60   80   100   120   140   160   180   200

☐ Number of items

(1)   file

(2)   highlighter

(3)   pencil case

(4)   coloured pencils   (   )

Study this bar graph and answer questions 7 and 8. The bar group shows the number of plastic bottles collected by four P6 classes for a recycling project.

2022 Collection of Plastic Bottles For Recycling
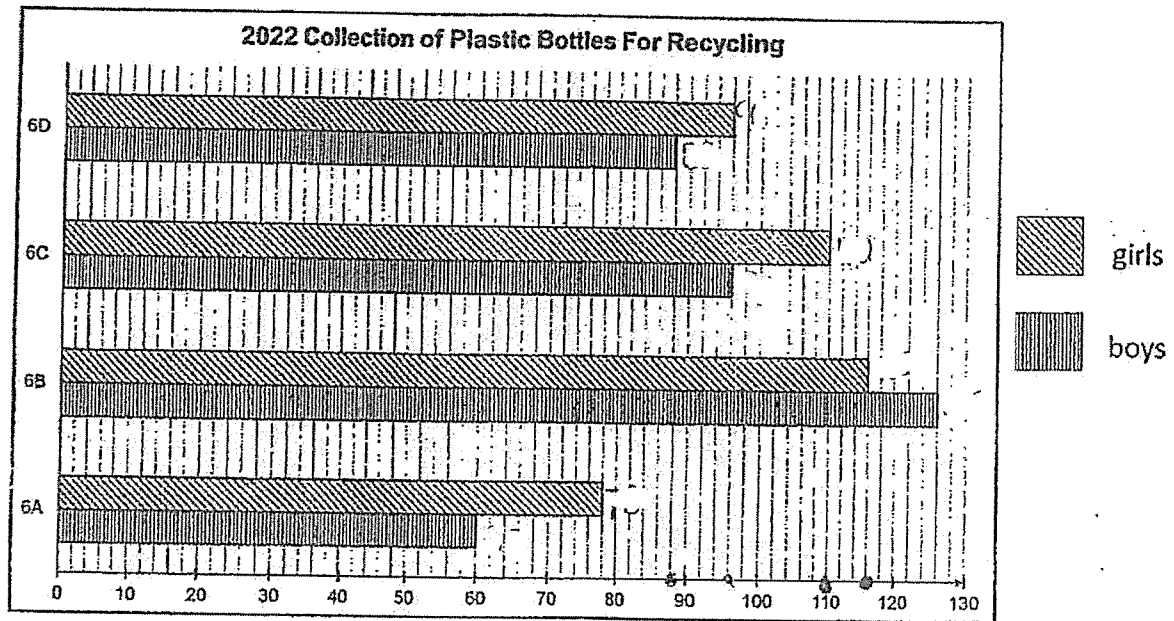
7   Which class has collected a total of 184 plastic bottles?

    (1)   6A

    (2)   6B

    (3)   6C

    (4)   6D   (   )

8   Which class has 14 more plastic bottles collected by the girls than the boy?

    (1)   6A

    (2)   6B

    (3)   6C

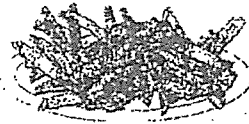   (4)   6D   (   )

Section B

Questions 9 to 11 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.   (6 marks)

9   Jimmy spent $18.80 for lunch. Which two food items did he order?

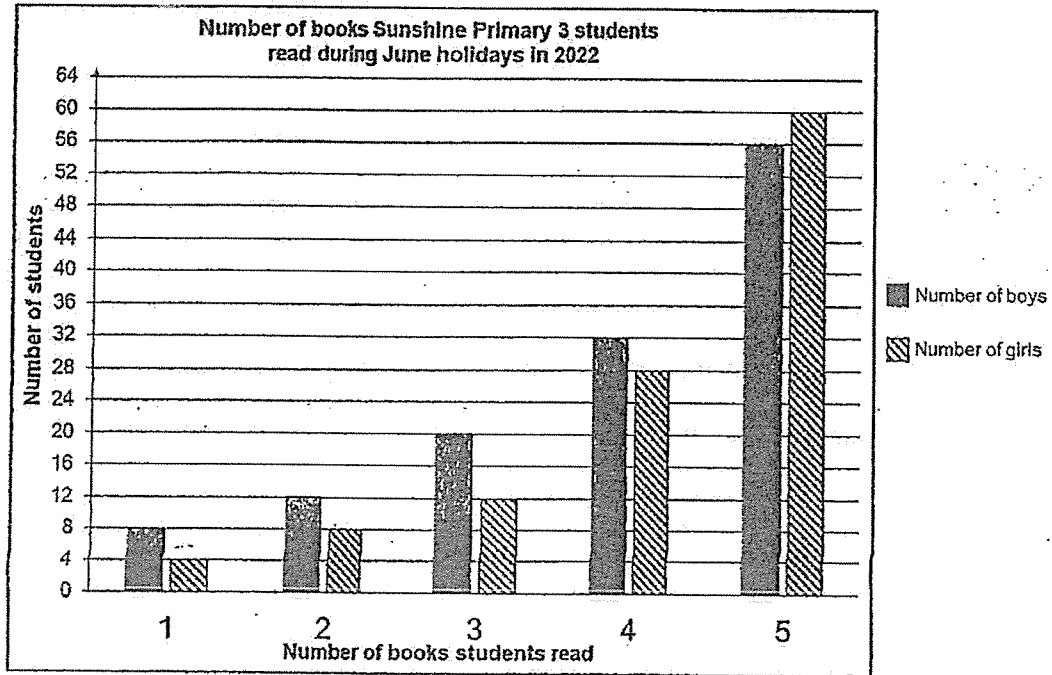| French fries	Ice-cream	Burger
$8.90	$7.90	$9.90

Ans: _____

_____

10   When a number is divided by 6, the quotient is 117 with remainder 1. What is the number?

Ans: _____

11 The bar graph shows the number of books Sunshine Primary 3 students
    read during June holidays in 2022.

**Number of books Sunshine Primary 3 students
read during June holidays in 2022**

(a) How many more boys than girls read only 1 book?

Ans: (a) _____
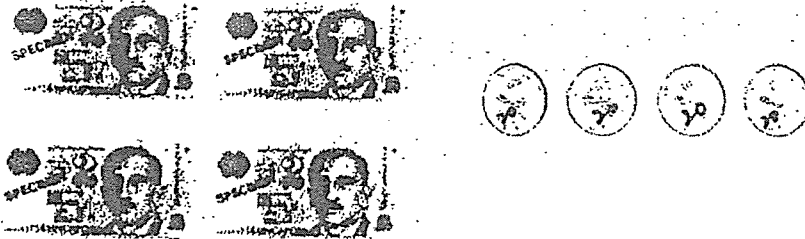
(b) How many girls read more than 2 books?

Ans: (b) _____

For questions 12 to 13, 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.   (6 marks)

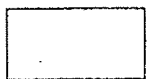12 Randy bought two T-shirts from a shop. The amount of change he received is shown below.

(a) How much change did Randy receive?

Ans: (a) _____ [1]

(b) Randy wanted to buy a cap that cost $18.50. How much more money does he need to buy the cap?

Ans: (b) _____ [2]

13 A pet shop owner had 640 fishes and birds. He had 184 fewer birds than fishes. How many birds did he have in his pet shop?

Ans: _____ [3]

End of Paper

![Nan Hua Primary School logo]

Nan Hua Primary School

Primary 3 Mathematics

Term 3 Weighted Assessment 2023

Marks	
Section A:	/8
Section B:	/6
Section C	/6
Total:	**/20**

Name: _____ ( )

Class: Primary 3_____

Date: _____

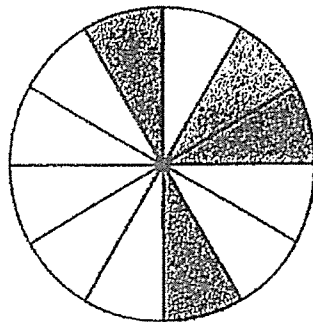Duration: 30 minutes

Answer <u>all</u> questions.

_____

Parent's Signature

<u>Section A</u>

Questions **1** to **8** 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) and write your answer in the bracket provided. (8 marks)

1   What fraction of the following figure is unshaded?

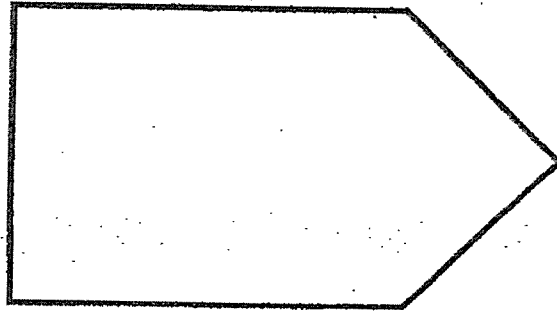
(1) $\dfrac{1}{2}$

(2) $\dfrac{1}{3}$

(3) $\dfrac{2}{3}$

(4) $\dfrac{4}{12}$ (   )

(Go on to the next page)

2 How many right angles are there in the figure below?

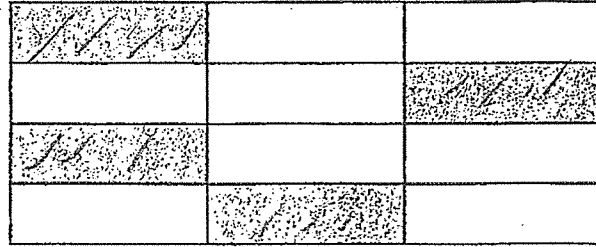(1)   1

(2)   2

(3)   3

(4)   5

( )

3 Which of the following fractions is the simplest form of $\frac{9}{12}$?

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

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

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

(4) $\frac{18}{24}$

( )

4   How many more boxes need to be shaded so that $\frac{5}{6}$ of the figure is shaded?

(1)   1

(2)   2

(3)   6

(4)   10   (   )

5   The mass of a math textbook is about _____ .

(1)   5 g

(2)   50 g

(3)   500 g

(4)   5000 g   (   )

6   Arrange the students from the shortest to the tallest.

Amy	1 m 9 cm
Ben	1 m 62 cm
Charlie	105 cm
Dora	170 cm

Shortest   Tallest
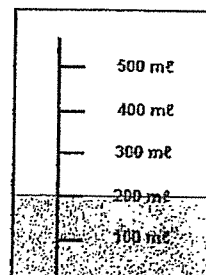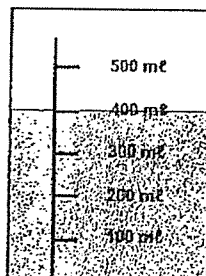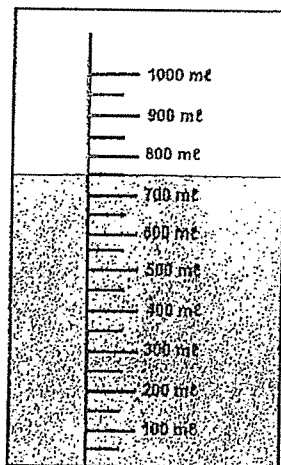
(1)   Charlie , Amy   , Ben   , Dora

(2)   Charlie , Amy   , Dora   , Ben

(3)   Amy   , Ben   , Charlie ; Dora

(4)   Amy   , Charlie , Ben   , Dora   (   )

7   What is the total volume of the liquid in the three beakers?

(1)   750 ml

(2)   1300 ml

(3)   1350 ml

(4)   2000 ml   (   )

8   What number does box A and box B represent?

$$\frac{2}{\boxed{A}} \quad = \quad \frac{4}{12} \quad = \quad \frac{\boxed{B}}{36}$$

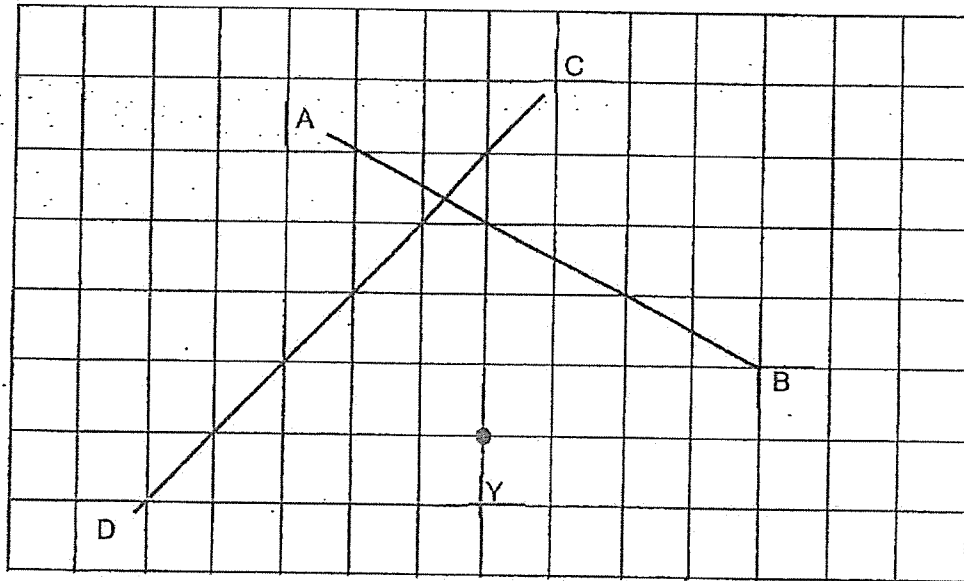|	A		B
(1)	6	,	8
(2)	6	,	12
(3)	10	,	28
(4)	2	,	36

(   )

Section B

Questions 9 to 11 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.   (6 marks)

9   Draw a line perpendicular to the line CD that passes through point Y.

10   Peter ran 2800 m around the neighbourhood.

He took a short rest and ran another 250 m.

How far did he run in total?

Give your answer in kilometres and metres.

Ans: _____ km _____ m

11

a) Arrange the following in order. Begin with the greatest.

$$\frac{3}{8}$$ $$\frac{3}{7}$$ $$\frac{3}{11}$$
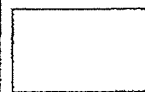
Ans a): _____ , _____ , _____

Greatest

b) Arrange the following in order. Begin with the smallest.

$$\frac{4}{8}$$ $$\frac{9}{10}$$ $$\frac{2}{11}$$

Ans b): _____ , _____ , _____

Smallest

Section C

For questions **12** to **13**, 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.

(6 marks)

12 Aaron bought a cake and cut it into 9 equal slices.

Sally took 2 slices while Peter took 6 slices.

(a) What fraction of the cake did Sally and Peter take altogether?

Ans: (a) _____ [2]

(b) What fraction of the cake did Aaron have left?

Ans: (b) _____ [1]

(Go on to the next page)

13 John bought 4 identical containers.

Each container had a capacity of 600 mℓ.

After pouring some water into the containers, he realised he would need another

450 mℓ of water to completely fill up all the containers.

How much water did he have at first?

Ans: _____ [3]

End of Paper

YEAR : 2023
LEVEL : PRIMARY 3
SCHOOL : NAN HUA PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : TERM 1 & 2 & 3 WEIGHTED ASSESSMENT

TERM 1 WEIGHTED ASSESSMENT

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

Q9	985 + 520 = 1505	Q10	56 + 36.90 = $92.90 100 92.90 = $7.10
Q11	6	Q12	(a) 1837 − 408 = 1429 Mr Lim baked 1429 buns in the afternoon. (b) 1837 4 1429 = 3266 Mr Lim baked 3266 buns altogether.
Q13	6169 − 4096 = 2073 4096 − 2073 = 2023 There were 2023 fewer woman than man.		

TERM 2 WEIGHTED ASSESSMENT

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

Q9	$8.90 + $9.90 = $18.80 Ans: French fries Burger	Q10	117 x 6 = 702 702 + 1 = 703
Q11	(a) 4 (b) 12 + 28 + 60 = 100	Q12	(a) $8.80 (b) $18.80 - $8.80 = $9.70 He needed $9.70 more money to buy the cap.
Q13	640 − 184 = 456 456 ÷ 2 = 228 He had 228 birds.		

TERM 3 WEIGHTED ASSESSMENT

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

Q9		Q10	$2800 + 250 = 3050$ $3050 = 3km\ 50m$
Q11	a) $\dfrac{3}{7}, \dfrac{3}{8}, \dfrac{3}{11}$ b) $\dfrac{2}{11}, \dfrac{4}{8}, \dfrac{9}{10}$	Q12	(a) $\dfrac{6}{9} + \dfrac{2}{9} = \dfrac{8}{9}$ Sally and Peter took $\dfrac{8}{9}$ of the cake. (b) $1 - \dfrac{8}{9} = \dfrac{1}{9}$ Aaron had $\dfrac{1}{9}$ of the cake left.
Q13	$600ml \times 4 = 2400ml$ $2400ml - 450ml = 1950ml$ He had 1950ml at first.		