Nan Hua Primary School
Primary 3 Mathematics
Term 3 Weighted Assessment 2020

Marks	
Section A:	/14
Section B:	/6
Total:	/20

Name: _____ (   )

Class: Primary 3/ _____

Date: _____

_____
Parent's Signature

Answer all questions.

Section A Part 1 (8 marks)

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.

1.   What is the missing denominator?

$$\frac{2}{3} = \frac{8}{\boxed{?}}$$

   (1)   12
   (2)   9
   (3)   3
   (4)   4   (   )

Score	
	1

2. Which one of the following fractions is in its simplest form?

(1) $\dfrac{2}{10}$

(2) $\dfrac{3}{9}$

(3) $\dfrac{5}{6}$

(4) $\dfrac{6}{8}$

( )

3. Which one of the following fractions is greater than $\dfrac{1}{2}$?

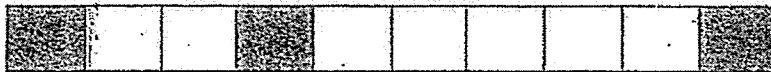(1) $\dfrac{2}{5}$

(2) $\dfrac{3}{10}$

(3) $\dfrac{4}{7}$

(4) $\dfrac{5}{12}$

( )

Score	
	2

2

4. Sue wants to have $\frac{4}{5}$ of the figure shaded.

How many more rectangles must she shade?

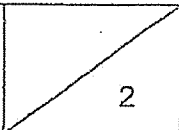(1) 1
(2) 8
(3) 3
(4) 5   (   )

5. Express $\frac{4}{6}$ in its simplest form.

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

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

(3) $\frac{4}{12}$

(4) $\frac{8}{12}$ (   )

Score	
	2

3

6. $\dfrac{7}{12} - \dfrac{1}{2} = \boxed{?}$

    (1) $\dfrac{1}{12}$

    (2) $\dfrac{6}{12}$

    (3) $\dfrac{6}{10}$

    (4) $\dfrac{8}{10}$ (   )

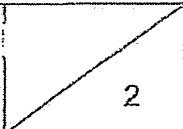7.   Which one of the following is the greatest fraction?

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

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

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

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

Score	
	2

4

8. $\dfrac{2}{5} + \dfrac{3}{10} = \boxed{?}$

    (1) $\dfrac{5}{10}$

    (2) $\dfrac{5}{15}$

    (3) $\dfrac{7}{10}$

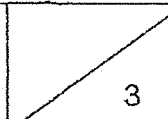   (4) $\dfrac{7}{15}$ (   )

Section A Part 2 (6 marks)

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.

9. Express each fraction in its simplest form:

    (a) $\dfrac{12}{14}$

    (b) $\dfrac{6}{9}$

Score	
	3

5

233

10. Arrange the following fractions in order.

(a) $\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{4}$

[ ] , [ ] , [ ]
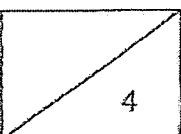
Smallest

(b) $\frac{7}{12}$, $\frac{2}{3}$, $\frac{1}{6}$

[ ] , [ ] , [ ]

Greatest

11. Express each answer in its simplest form:

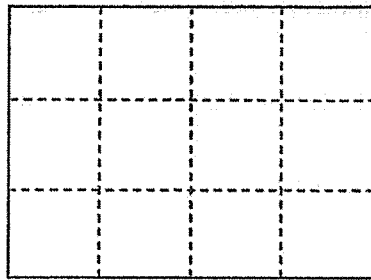(a) $\frac{3}{8} + \frac{1}{2}$

[ ]

(b) $\frac{3}{4} - \frac{5}{12}$

[ ]

Score		
		4

6

Questions 12 and 13 carry 3 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.

12. Look at the figure below.

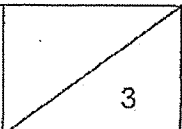(a) Colour $\frac{1}{4}$ of the figure below. [1 mark]

(b) $\boxed{?} + \frac{2}{3} = \frac{11}{12}$

What is the missing fraction in the box?

Express your answer in its simplest form. [2 marks]

Ans: (b) _____

Score	
	3

13. (a) $1 - \dfrac{4}{7} = \boxed{?}$

What is the missing fraction in the box?
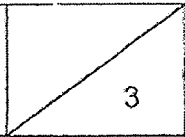
Express your answer in its simplest form. [1 mark]

(b) What fraction must be added to $\dfrac{1}{8}$ to make $\dfrac{3}{4}$?

Express your answer in its simplest form. [2 marks]

Ans: (a) _____

(b) _____

Score	
	3

End of Paper

8

ANSWER KEY

YEAR: 2020
LEVEL: PRIMARY 3
SCHOOL: NAN HUA PRIMARY SCHOOL
SUBJECT: MATHEMATICS
TERM: CA2
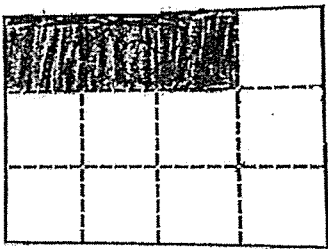
BOOKLET A

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

BOOKLET B

Q9	a) $\frac{6}{7}$ b) $\frac{2}{3}$
Q10	a) $\frac{3}{8}, \frac{1}{2}, \frac{3}{4}$ b) $\frac{2}{3}, \frac{7}{12}, \frac{1}{6}$
Q11	a) $\frac{7}{8}$ b) $\frac{1}{3}$
Q12	 b) $\frac{1}{4}$
Q13	a) $\frac{3}{7}$ b) $\frac{5}{8}$