Nanyang Primary School Primary 4 Mathematics **Term 2 Weighted Assessment** 



Name:	(	)	Marks:
Class: Primary 4 (	)		/20

Class: Primary 4 ( )

Parent's Signature:

Duration: 40 minutes

Date: \_\_\_\_\_

Please sign and return the paper the next day. Any queries should be raised at the same time when returning paper.

Questions 1 to 3 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 (1, 2, 3 or 4) in the bracket () provided.

(6 marks)

(

)

What fraction of the hearts are shaded? Express your answer in its 1. simplest form.





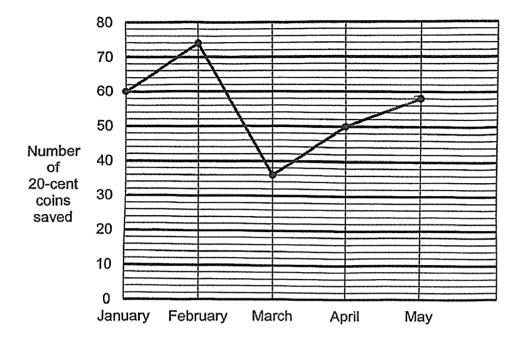
 $(2)^{-}\frac{2}{10}$ 

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

8 (4) 10

143

The graph below shows the number of 20-cent coins James saved in 5 months. Use the graph to answer questions 2 and 3.



2. How many 20-cent coins did James save in May?

- (1) 54
- (2) 58
- (3) 59
- (4) 60

( )

3. How many more 20-cent coins did James save in February than in April?

- (1) 10
- (2) 14
- (3) 22
- (4) 24

( )

Questions 4 to 8 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. (10 marks)

4. The table below shows the number of apples and oranges sold by two fruit stores.

Store	Number of oranges sold	Number of apples sold
A	37	56
В	?	45
Total	70	101

(a) How many oranges did store B-seld?

Ans: \_\_\_\_\_

(b) How many more apples than oranges did store A sell?

Ans: \_\_\_\_\_

5. There are 40 students in the class.  $\frac{3}{8}$  of them are boys. How many girls are there in the class?

Ans: \_\_\_\_\_

6. Solve the following questions. Express your answer as a mixed number in its simplest form.

(a) 
$$\frac{4}{7} + \frac{1}{2} =$$

Ans: (a)	**************************************
----------	--

(b)  $4 - \frac{3}{9} =$ 

7. Sarah ran  $\frac{4}{5}$  km on Monday. She ran  $\frac{3}{4}$  km less on Tuesday than on Monday. What was the total distance she ran on Monday and on Tuesday?

Ans: \_\_\_\_\_ km

- 8. There are 4 bags, A, B, C and D. The mass of the 4 bags is shown below:
  - $\frac{15}{4}$  kg ,  $3\frac{2}{3}$  kg ,  $\frac{11}{6}$  kg ,  $\frac{1}{4}$  kg

Bag A is the lightest. The mass of Bag B is between 1 kg and 2 kg. Bag C is heavier than Bag D. What is the mass of Bag D?

Ans: \_\_\_\_\_kg

5

For question **9**, 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. (4 marks)

- 9. Denise baked 36 chocolate muffins and some blueberry muffins.  $\frac{2}{9}$  of the muffins baked were chocolate muffins and the rest were blueberry muffins.
  - (a) How many blueberry muffins did she bake?

Ans: (a) [2]

(b) How many more blueberry muffins than chocolate muffins did she bake?

Ans: (b) [2]

End of Paper

	7
Nanyang Primary School Primary 4	The sumb below shows the number of 20-cent coins, lange and
Mathematics	The graph below shows the number of 20-cent coine James save months. Use the graph to answer questions 2 and 3.
Term 2 Weighted Assessment	and a start of the
Jame:	70
	60
Class: Primary 4 ( ) /20	
	50
Date: Parent's Signature:	Number 40
Duration: 40 minutes	20-cent 20
	saved
Please sign and return the paper the next day. Any queries should	20
e raised at the same time when returning paper.	10
Questions 1 to 3 carry 2 maries each. For each question, four options are given.	January February March April May
One of them is the correct answer. Make your choice (1, 2, 3 or 4) and write your answer (1, 2, 3 or 4) in tha bracket ( ) provided.	60 74 36 50 58
(6 mari <b>w</b> )	
	2. How many 20-cent coins did James save in May?
1. What fraction of the hearts are shaded? Express your answer in its	
simplest form. The second s	(1) 54
	(3) 59
	(4) 60
(1) 1	
$(1) \frac{1}{5} \qquad \rho \div 2  \psi$	۲ <u>۲</u>
	3 How many more 20-cent coins did James save in February than in
(2) $\frac{2}{10}$ $10 \div 2^{-5}$	
iu .	74
m 4 /	(1) <sup>10</sup>
(3) $\frac{4}{5}$	(2) 14 $74 - 50 = 24$
	(3) 22
(4) $\frac{8}{10}$	
. (3)	
1	2 2
1 Auestions 4 to 8 carry 2 marks each. Show your working clearly and write your nswers in the spaces provided. For questions which require units, give your nswers in the units stated. (10 marks)	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many g are there in the class?
۱ Questions 4 to 8 carry 2 marks each. Show your working clearly and write your nswers in the spaces provided. For questions which require units, give your	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many g
1 Questions 4 to 8 carry 2 marks each. Show your working clearly and write your nswers in the spaces provided. For questions which require units, give your nswers in the units stated. (10 marks) The table below shows the number of apples and oranges sold by two	2 5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many g are there in the class?
Auestions 4 to 8 carry 2 marks each. Show your working clearly and write your nswers in the spaces provided. For questions which require units, give your nswers in the units stated. (10 marks) The table below shows the number of apples and oranges sold by two fruit stores.	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gare there in the class?
Autestions 4 to 8 carry 2 marks each. Show your working clearly and write your nawers in the spaces provided. For questions which require units, give your nawers in the units stated. (10 marks)         The table below shows the number of apples and oranges sold by two fruit stores.         Store       Number of apples and oranges sold by two fruit stores.	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many grate there in the class?
Autestions 4 to 8 carry 2 marks each. Show your working clearly and write your newers in the spaces provided. For questions which require units, give your newers in the units stated. (10 marks)         The table below shows the number of apples and oranges sold by two fruit stores.         Store       Number of apples and oranges sold by two fruit stores.         Store       Number of apples sold         A       37       56	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gare there in the class? $ \frac{50^{4}}{40} + \frac{618.5}{40} + \frac{618.5}{40} + \frac{18.5}{40} + 18.$
Automatic states       Show your working clearly and write your navers in the spaces provided. For questions which require units, give your navers in the units stated. (10 marks)         The table below shows the number of apples and oranges sold by two fruit stores.         Store       Number of apples and oranges sold by two fruit stores.         Store       Number of apples and oranges sold by two fruit stores.         B       7       56         B       7       45	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many are there in the class?
Iterations 4 to 8 carry 2 marks each. Show your working clearly and write your newers in the spaces provided. For questions which require units, give your newers in the units stated. (10 marks)         The table below shows the number of apples and oranges sold by two fruit stores.         Store       Number of apples and oranges sold by two fruit stores.         Store       Number of apples sold         A       37       56	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many are there in the class? $\frac{8045}{40} + \frac{61845}{40} + \frac{61845}{40} + \frac{1}{10} + \frac{1}{10$
Ausestions 4 to 8 carry 2 marks each. Show your working clearly and write your newers in the spaces provided. For questions which require units, give your newers in the units stated. (10 marks)         The table below shows the number of apples and oranges sold by two fruit stores.         Store       Number of apples and oranges sold by two fruit stores.         Store       Number of apples sold         A       37       56         B       7       45	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gare there in the class? $ \frac{50^{4}}{40} + \frac{618.5}{40} + \frac{618.5}{40} + \frac{18.5}{40} + 18.$
The table below shows the number of apples and oranges sold by two furth stores. $\frac{1}{1}$ The table below shows the number of apples and oranges sold by two furth stores. $\frac{1}{10 \text{ marks}}$	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many are there in the class? $\frac{80\%}{40} + \frac{61845}{40} + \frac{61845}{4$
Automatical states       Automatical states         Automatical states       Show your working clearly and write your newers in the spaces provided. For questions which require units, give your newers in the units stated.         The table below shows the number of apples and oranges sold by two fruit stores.         Image: Sold A 37 56         B 7       45         Total 70       101	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gate there in the class? $ \frac{50^{50}}{40} + \frac{618 \text{ LS}}{40} $ 8 unifs $\rightarrow$ 40 1 unif $\rightarrow$ 40 $\div$ 8 = 5 5 units $\rightarrow$ 5 x 5 = 25
the set of a carry 2 marks each. Show your working clearly and write your navers in the spaces provided. For questions which require units, give your navers in the units stated. (10 marks) The table below shows the number of apples and oranges sold by two fruit stores. $\frac{5 \text{fore}}{M} \frac{Namber of}{Orange's sold} \frac{Namber of}{apples sold}$	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many are there in the class? $\frac{80\%}{40} + \frac{61845}{40} + \frac{61845}{4$
the set of a carry 2 marks each. Show your working clearly and write your navers in the spaces provided. For questions which require units, give your navers in the units stated. (10 marks) The table below shows the number of apples and oranges sold by two fruit stores. $\frac{5 \text{fore}}{M} \frac{Namber of}{Orange's sold} \frac{Namber of}{apples sold}$	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gate there in the class? $ \frac{50^{50}}{40} + \frac{618 \text{ LS}}{40} $ 8 unifs $\rightarrow$ 40 1 unif $\rightarrow$ 40 $\div$ 8 = 5 5 units $\rightarrow$ 5 x 5 = 25
the sections 4 to 8 carry 2 marks each. Show your working clearly and write your navers in the spaces provided. For questions which require units, give your navers in the units stated. (10 marks) The settle below shows the number of apples and oranges sold by two fruit stores. $\frac{1}{10000000000000000000000000000000000$	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gas are there in the class? $ \frac{50\%}{40} + \frac{61845}{40} $ $ \frac{8 \text{ unifs}}{40} + \frac{40}{6} + \frac{8}{6} = 5 $ $ 5 \text{ unifs} \rightarrow 5 \times 5 = 25 $ Ars: $\frac{25}{40}$
the set of a carry 2 marks each. Show your working clearly and write your navers in the spaces provided. For questions which require units, give your navers in the units stated. (10 marks) The table below shows the number of apples and oranges sold by two fruit stores. $\frac{5 \text{fore}}{M} \frac{Namber of}{Orange's sold} \frac{Namber of}{apples sold}$	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gas are there in the class? $ \frac{50\%}{40} + \frac{61845}{40} $ $ \frac{8 \text{ unifs}}{40} + \frac{40}{6} + \frac{8}{6} = 5 $ $ 5 \text{ unifs} \rightarrow 5 \times 5 = 25 $ Ars: $\frac{25}{40}$
The table below shows the number of apples and oranges sold by two fruit stores. $\frac{-Store}{R} = \frac{Nambar of}{7} = \frac{10}{101}$ a) How many orangee did store B celd?	s. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many grave there in the class? $ \frac{3}{6} \circ f(RLS) = \frac{1}{40} + \frac{1}{40$
The table below shows the number of apples and oranges sold by two fruit stores. $\frac{-Store}{R} = \frac{Nambar of}{7} = \frac{10}{101}$ a) How many orangee did store B celd?	s. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many are there in the class? $ \frac{50^{3}}{40} + \frac{61845}{40} + \frac{61845}{40} $ $ \frac{8}{1} \text{ unif } 5 \rightarrow 40 $ $ \frac{1}{1} \text{ unif } \rightarrow 40 \div 8 = 5 $ $ 5 \text{ unifs } \rightarrow 5 \times 5 = 25 $ Ars: $\frac{25}{25}$ 6. Solve the following questions. Express your answer as a <u>mixed number</u>
The states of a carry 2 marks each. Show your working clearly and write your marks marks marks the number of apples and oranges sold by two further to the states. The states below shows the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges sold by two further to the number of apples and oranges to the number of apples and orange to the number of apples and the	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gare there in the class? $ \frac{50\%}{40} + \frac{61845}{40} + \frac{61845}{40} $ $ 8 unifs \rightarrow 40 $ $ 1 unif \rightarrow 40 \div 8 = 5 $ $ 5 units \rightarrow 5 \times 5 = 25 $ 6. Solve the following questions. Express your answer as a <u>mixed number</u> $ (a) \frac{4x^2}{7x^2} \frac{1x^2}{2x^2} = \frac{9}{14x} + \frac{7}{14x} $
The table below shows the number of apples and oranges sold by two fruit stores. $\frac{-Store}{R} = \frac{Nambar of}{7} = \frac{10}{101}$ a) How many orangee did store B celd?	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many gare there in the class? $ \frac{50\%}{40} + \frac{61845}{40} + \frac{61845}{40} $ $ 8 unifs \rightarrow 40 $ $ 1 unif \rightarrow 40 \div 8 = 5 $ $ 5 units \rightarrow 5 \times 5 = 25 $ 6. Solve the following questions. Express your answer as a <u>mixed number</u> $ (a) \frac{4x^2}{7x^2} \frac{1x^2}{2x^2} = \frac{9}{14x} + \frac{7}{14x} $
The table below shows the number of apples and oranges sold by two functions $\frac{1}{10 \text{ marks}}$ . The table below shows the number of apples and oranges sold by two functions. $\frac{1}{10 \text{ marks}} \frac{1}{10 \text{ marks}} \frac{1}{$	s. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many grave there in the class? $ \frac{3}{6} \circ f(RLS) = \frac{1}{40} + \frac{1}{40$
The sections 4 to 8 carry 2 marks each. Show your working clearly and write your networks in the spaces provided. For questions which require units, give your intervents in the spaces provided. For questions which require units, give your intervents in the units state. In the units state. In the units state. In the units state in the units state in the units state. In the units state in the units state in the units state in the units state. In the units state in the units state in the units state in the units state. In the units state in the units state in the units state in the units state. In the units state is sold in the units state in the units is sold in the units state in the units is sold in the units state in the units is sold in the units in the units is sold in the units is sol	s. There are 40 students in the class $\frac{3}{8}$ of them are boys. How many are there in the class? $ \frac{50^{50}}{40} + \frac{1}{40} + \frac$
The sections 4 to 8 carry 2 marks each. Show your working clearly and write your networks in the spaces provided. For questions which require units, give your intervents in the spaces provided. For questions which require units, give your intervents in the units state. In the units state. In the units state. In the units state in the units state in the units state. In the units state in the units state in the units state in the units state. In the units state in the units state in the units state in the units state. In the units state in the units state in the units state in the units state. In the units state is sold in the units state in the units is sold in the units state in the units is sold in the units state in the units is sold in the units in the units is sold in the units is sol	4 5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many are there in the class? $\frac{1}{1000} + \frac{1}{1000} + 1$
1         therefores 4 to 8 carry 2 marks each. Show your working clearly and write your showers in the units state	s. There are 40 students in the class $\frac{3}{8}$ of them are boys. How many are there in the class? $ \frac{50^{50}}{40} + \frac{1}{40} + \frac$
1         therefores 4 to 8 carry 2 marks each. Show your working clearly and write your showers in the units state	s. There are 40 students in the class $\frac{3}{8}$ of them are boys. How many are there in the class? $ \frac{1}{6} \frac{50\%}{40} + \frac{1}{40} + \frac{1}{40} + \frac{1}{40} $ $ \frac{3}{1} \sin \frac{1}{5} + \frac{1}{2} + \frac{1}{2}$
1         Impose the space provided. For questions which require units give your consistence in the units state.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples sold apples sold in the stores.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples then eranges did store A sell?         Impose the below shows the number of apples then eranges did store A sell?         Impose the number of the sold store A sell?         Impose the below many more apples then eranges did store A sell?	5. There are 40 students in the class. $\frac{3}{8}$ of them are boys. How many g are there in the class? $\frac{3}{40} \frac{1}{40} \frac{1}{4$
<page-header><text><text><equation-block></equation-block></text></text></page-header>	s = 1 $s = 1$ $s =$
1         Impose the space provided. For questions which require units give your consistence in the units state.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples sold apples sold in the stores.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples then eranges did store A sell?         Impose the below shows the number of apples then eranges did store A sell?         Impose the number of the sold store A sell?         Impose the below many more apples then eranges did store A sell?	s = 1 $s = 1$ $s =$
1         Impose the space provided. For questions which require units give your consistence in the units state.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples sold apples sold in the stores.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples then eranges did store A sell?         Impose the below shows the number of apples then eranges did store A sell?         Impose the number of the sold store A sell?         Impose the below many more apples then eranges did store A sell?	s. There are 40 students in the class $\frac{3}{8}$ of them are boys. How many are there in the class? $ \frac{1}{6} \frac{50\%}{40} + \frac{1}{40} + \frac{1}{40} + \frac{1}{40} $ $ \frac{3}{1} \sin \frac{1}{5} + \frac{1}{2} + \frac{1}{2}$
<text></text>	$I = \frac{1}{2}$ $S = \frac{1}{2} + \frac{1}{2$
1         Impose the space provided. For questions which require units give your consistence in the units state.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples and oranges sold by two for stores.         Impose the below shows the number of apples sold apples sold in the stores.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples sold for the sold.         Impose the below shows the number of apples then eranges did store A sell?         Impose the below shows the number of apples then eranges did store A sell?         Impose the number of the sold store A sell?         Impose the below many more apples then eranges did store A sell?	s = 1 $s = 1$ $s =$

7. Sarah ran  $\frac{4}{5}$  km on Monday. She ran  $\frac{3}{4}$  km less on Tuesday than on Monday. What was the total distance she ran on Monday and on Tuesday? For question 9, show your working clearly and write your answers in the space, provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (4 marks) ٤, (4 marks)  $\frac{4x^{4}}{5x^{4}} \frac{3x^{5}}{4x^{5}} = \frac{16}{20} - \frac{15}{20}$ Denise baked 38 chocolate muffins and some bluebeny muffins. 9.  $\frac{2}{9}$  of the muffins baked were chocolate muffins and the rest were blueberry muffins. = 1 (pistance ran on Tues) 5 8 (a) How many blueberry muffins did she bake? 7 x  $\frac{16}{20} + \frac{1}{20} = \frac{17}{20}$ 11 12 6 (36) chocolate blueberry 17-20 2 units -> 36 Ane. 1 unit -> 36 + 2 = 18 7 units -> 18 x7 = 126 There are 4 bags, A, B, C and D. The mass of the 4 bags is shown below: 8. 126 Ans: (a) \_ [2] B С A D  $\frac{15}{4}$  kg ,  $3\frac{2}{3}$  kg ,  $\frac{11}{6}$  kg ,  $\frac{1}{4}$  kg (b) How many more bluebeny muffins than chocolate muffins did she bake? 3 3 4 Bag A is the lightest. The mass of Bag B is between 1 kg and 2 kg. Bag C is heavier than Bag D. What is the mass of Bag D? 12 126 - 36 =XX 90 6 Compare  $3\frac{3}{4}$  and  $3\frac{3}{3}$ 36  $\frac{15}{4} = \frac{12}{4} + \frac{3}{4}$ 3<sup>3×3</sup>/<sub>4×3</sub> = 3<sup>9</sup>/<sub>12</sub> (Bag C) 90 = 34  $\frac{11}{6} = \frac{6}{6} + \frac{5}{6}$ 90 = 15 (Bag B) Ans: (b) [2] 33 End of Paper 5