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 all questions.

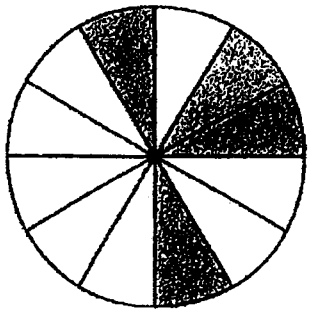
_____

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 What fraction of the following figure is unshaded?



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

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

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

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

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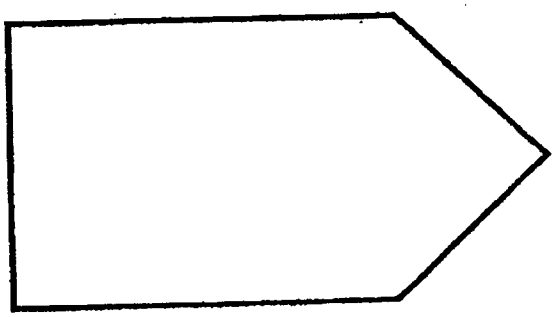
2 How many right angles are there in the figure below?



(1) 1

(2) 2

(3) 3

(4) 5 ( )

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

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

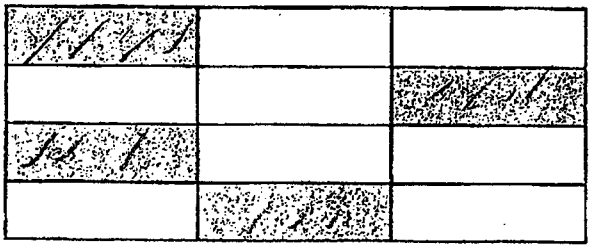
(2) $\frac{3}{4}$

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

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

(Go on to the next page)

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



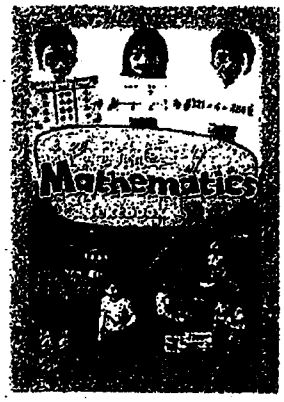
(1) 1

(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 ( )

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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

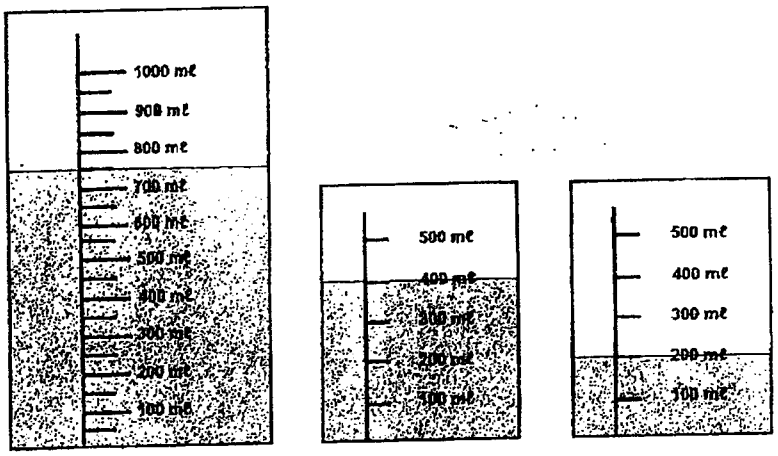
(1) Charlie , Amy , Ben , Dora

(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 ( )

(Go on to the next page)

8 What number does box A and box B represent?

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

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

( )

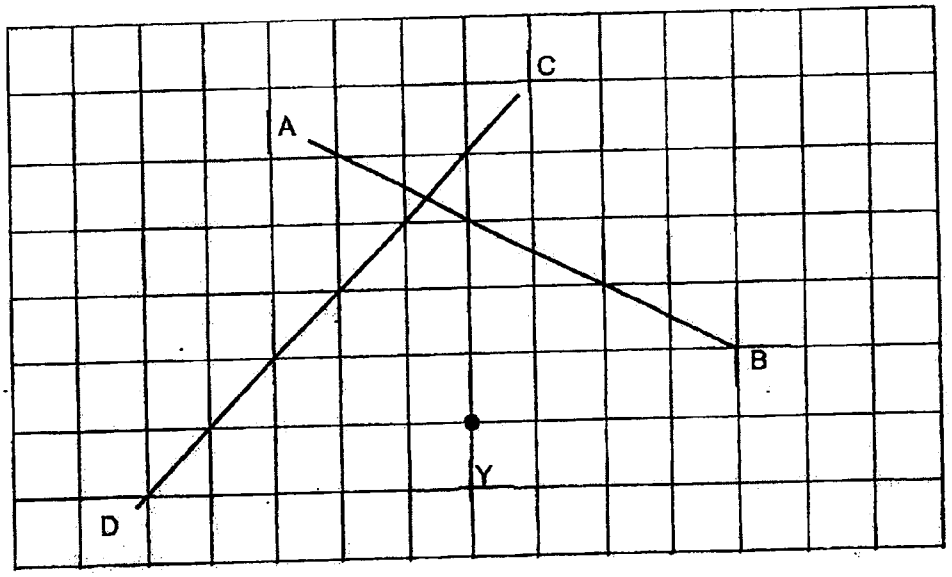
(Go on to the next page)

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)

Do not write in this space

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

(Go on to the next page)

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

(Go on to the next page)

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)

Do not write in this space

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?

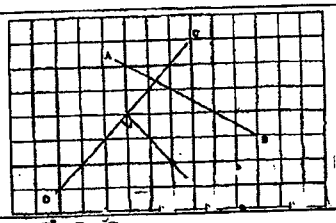
Do not write in this space

Ans: _____ [3]

End of Paper

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) $\frac{3}{7}, \frac{3}{8}, \frac{3}{11}$ b $\frac{2}{11}, \frac{4}{8}, \frac{9}{10}$	Q12	(a) $\frac{6}{9} + \frac{2}{9} = \frac{8}{9}$ Sally and Peter took $\frac{8}{9}$ of the cake. (b) $1 - \frac{8}{9} = \frac{1}{9}$ Aaron had $\frac{1}{9}$ of the cake left.
Q13*	600ml x 4 = 2400ml 2400ml – 450ml = 1950ml He had 1950ml at first.		

2
END