Nan Hua Primary School
Primary 5 Mathematics
Term 2 Weighted Assessment 2022

Marks	
Section A:	/10
Section B:	/15
Total:	/25

Name: _____ ( )

Class: Primary 5M_____

Date: _____

Duration: 40 minutes

_____
Parent's Signature

Answer all questions.

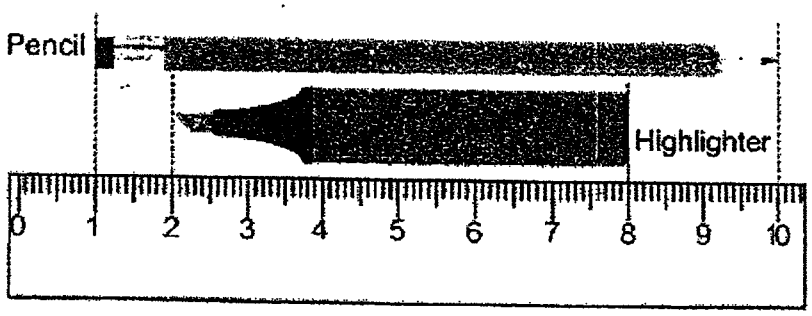
Section A (10 marks)

Questions 1 to 5 carry 2 marks each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated.

1. In the month of April, the ratio of the number of boxes of white masks sold to the number of boxes of black masks sold at a pharmacy was 8 : 7. If 56 boxes of black masks were sold in April, what was the total number of boxes of masks sold in April?

Ans: _____

2. Find the ratio of the length of the pencil to the length of the highlighter. Express your answer in simplest form.



Ans: _____

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3. What is the missing number in $\square$?

$39 : 27 = \square : 18$

Ans: _____

4. The table below shows the duration taken by 3 students to complete a race.

Student	Duration taken
Cindy	48 s
Dinesh	33 s
Ellen	45 s

Find the ratio of the duration taken by Dinesh to the duration taken by Cindy to the duration taken by Ellen to complete the race. Give your answer in its simplest form.

Ans: _____

5. To make orange juice, the ratio of volume of water to volume of orange syrup used was 7 : 4. If there was 630 m/ more water than orange syrup in the mixture, what was the volume of orange syrup used?

Ans: _____ m/

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Section B (15 marks)

Questions **6** to **9** carry 2 marks each. For questions **10** to **11**, the number of marks available is shown in brackets [ ] at the end of each question. Show your working clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

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6. A string of length 2 m was cut into three pieces A, B and C. The length of string A to the length of string B was 2 : 5. The length of string C was 60 cm. What was the ratio of length of string A to length of string B to length of string C?

Ans: _____

7. The ratio of the number of women to the total number of passengers on a plane was 3 : 13. There were 38 more men than women and there were equal number of men and children on the plane.

   Using the information stated above, draw a tick (✓) in the correct box.

	True	False	Not possible to tell
a) There were 190 men on the plane.			
b) There were equal number of males and females on the plane.			

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8. There are some blueberries in a box. For every 8 good blueberries, there are 3 rotten ones. There are 40 good blueberries. How many blueberries are there altogether in the box?

Ans: _____

9. In a bakery, the ratio of the mass of flour used to the mass of butter used to make pastries each day is 5 : 2. If 235.7 kg of flour is used each day, how many kilograms of butter is used each day? Give your answers in kilograms correct to 1 decimal place.

Ans: _____kg

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10. A rope was cut into 2 pieces in the ratio 7 : 8. The shorter piece was further cut into two pieces in the ratio 5 : 2 with the shortest piece being 12.4 m. What was the length of the rope at the start before it was cut?

Ans: _____ [3]

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11. Shop X had 125 bags and Shop Y had 68 bags. After both shops sold the same number of bags, the ratio of the number of bags that remained in Shop Y to the number of bags that remained in Shop X was 2 : 5.

a) What was the number of bags sold in each shop?

b) What was the total number of bags left in both shops?

Ans: a) _____ [2]

b) _____ [2]

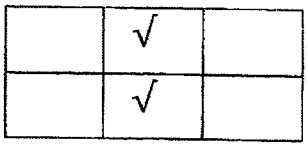
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SCHOOL : NAN HUA PRIMARY SCHOOL
LEVEL : PRIMARY 5
SUBJECT : MATHEMATICS
TERM : 2022 WA2

Section A

Q1	7u = 56 1u = 8 15 x 8 = 120
Q2	3 : 2
Q3	26
Q4	11 : 16 :15
Q5	3u = 630 1u = 210 210 x 4 = 840

Section B

Q6)	2m = 200cm 200cm – 60cm = 140cm 7u = 140 1u = 20 2u = 40(A) 5u = 100(B) A : B : C 40 : 100 : 60 4 : 10 : 6 2 : 5 : 3
Q7)	

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Q8)	$8u = 40$ $1u = 5$ $3u = 15$(bad) $15 + 40 = 55$ (total number of blueberries)
Q9)	$5u = 235.7$ $1u = 47.14$ $47.14 \times 2 = 94.28 \approx 94.3$kg
Q10)	$2u = 12.4$m $1u = 6.2$m 6.2m $\times 15 = 93$m
Q11)	a) $2u = 19 \times 2 = 38$ $68 - 38 = 30$ b) Left : $5u + 2u = 7u$ $7u = 7 \times 19 = 133$

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