

Calculator allowed



Nan Hua Primary School  
Primary 5 Mathematics  
Term 1 Weighted Assessment 2021

Name: \_\_\_\_\_ ( )

Class: Primary 5/ \_\_\_\_\_

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

Duration: 40 minutes

Answer all questions.**Section A (10 marks).**

Questions 1 to 5 carry 2 mark each.

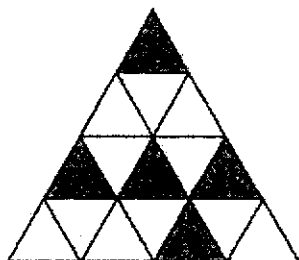
Write your answers in the space provided.

For questions which require units, give your answers in the units stated.

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

\_\_\_\_\_  
Parent's Signature

1. The figure below is made up of triangles of the same size. How many more triangles should be shaded so that  $\frac{5}{8}$  of the figure is shaded?



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

2. Find the sum of 1, 2, 3, 4,.....198, 199 and 200.

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

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3. Jane had  $\frac{4}{5}$  kg of flour. She gave away  $\frac{1}{4}$  kg of flour to her neighbour and  $\frac{1}{5}$  kg of flour to her sister. How much flour had she left?

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

4. Mary bought some stickers and she kept 5 for herself. She gave the rest equally to her 7 friends. The number of stickers she bought was between 50 60.  
How many stickers did Mary buy?

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

5. John donated  $2\frac{1}{4}$  kg of old clothing for a recycling campaign. The mass of clothing Danny donated was 5 times as much as John.  
How much old clothing did Danny donate?

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

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**Section B (15 marks)**

Questions 6 to 9 carry 2 marks each. For questions 10 and 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 number was first multiplied by 100 and then divided by 20. The result is 4230.  
What is the number?

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

7. Lucas bought a laptop. He paid \$108 each month for 12 months.  
How much did Lucas pay for the laptop?

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

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8. Ray jogged  $4\frac{1}{2}$  km on Monday. He jogged  $\frac{3}{4}$  km more on Monday than Tuesday.

How far did Ray jog on Tuesday?

Give your answer in decimal.

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

9. Tim had some paint in the container. After Tim used  $\frac{5}{8}$  litres of the paint and bought another  $1\frac{1}{5}$  litres of paint, there were 4 litres of paint left. How many litres of paint were there in the container at first?

Express your answer as a mixed number in its simplest form.

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

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10. 14 adults and 6 children visited S.E.A. Aquarium. They paid a total of \$952 for the tickets. Each adult ticket cost twice as much as a child ticket. How much was a ticket for each adult?

Ans: \_\_\_\_\_ [3]

11. Joe had some money. He spent  $\frac{3}{7}$  of his money on a pair of shoes and  $\frac{1}{4}$  of the remainder on a shirt. He spent \$36 more on the shoes than the shirt.
- (a) How much was the pair of shoes?
- (b) How much did Joe have at first?

Ans: (a) \_\_\_\_\_ [3]

(b) \_\_\_\_\_ [1]



SCHOOL : NAN HUA PRIMARY SCHOOL  
 LEVEL : PRIMARY 5  
 SUBJECT : MATH  
 TERM : 2021 TERM 1

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1)  $10 - 5 = 5$

5 more triangles should be shaded

2)  $200 + 1 = 201$

$200 \div 2 = 100$

$201 \times 100 = 20100$

3)  $\frac{4}{5} - \frac{1}{4} - \frac{1}{5} = \frac{7}{20}$  kg

She have  $\frac{7}{20}$  kg left

4)  $49 + 5 = 54$

She bought 54 stickers

5)  $5 \times 2 \frac{1}{4} = 11 \frac{1}{4}$

Danny donated  $11 \frac{1}{4}$  kg of old clothing.

6)  $4230 \times 20 = 84600$

$84600 \div 100 = 846$

846 was the number at first.

7)  $\$108 \times 12 = \$1296$

Lucas paid \$1296 for the laptop.

$$8) 4 \frac{1}{2} \text{ km} - \frac{3}{4} = 3 \frac{3}{4}$$

$$3 \frac{3}{4} = 3.75 \text{ km}$$

Ray jogged 3.75 km on Tuesday.

$$9) 4 \text{ L} \rightarrow 3 \frac{10}{10} \text{ L} \rightarrow 1 \frac{1}{5} \text{ L} \rightarrow + \frac{5}{8}$$

$$3 \frac{10}{10} \text{ L} - 1 \frac{1}{5} \text{ L} = 3 \frac{10}{10} - 1 \frac{2}{10} = 2 \frac{8}{10}$$

$$= 2 \frac{4}{5}$$

$$2 \frac{4}{5} + \frac{5}{8} = 3 \frac{17}{40}$$

There was  $3 \frac{17}{40}$  L in the container at first.

$$10) 14 \times 2 = 28$$

$$28 + 6 = 34$$

$$\$952 \div 34 = \$28$$

$$\$28 \times 2 = \$56$$

Each adult ticket is \$56

$$11) a) 2u = \$36$$

$$1u = \$36 \div 2 = \$18$$

$$\$18 \times 3 = \$54$$

A pair of shoes cost \$54

$$b) 7 \times \$18 = \$126$$

He have \$126 at first