



Nan Hua Primary School
Primary 5 Mathematics
Term 1 Weighted Assessment

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.

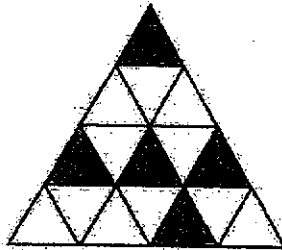
For questions which require units, give your answers in the units stated.

Calculator allowed

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: _____

Calculator allowed

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 and 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

Calculator allowed

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.

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: \$ _____

Calculator allowed

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

Calculator allowed

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 : TERM 1

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.

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

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

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

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

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