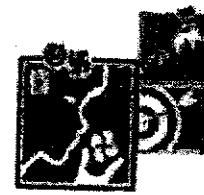


Nanyang Primary School
Primary 5
Mathematics
Term 1 Weighted Assessment



Name: _____
Class: _____
Class: _____

Marks: _____ /20

Date:

Parent's Signature: _____

Duration: 40 minutes

The use of calculators is NOT allowed.

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 1 mark each. Questions 4 to 5 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.

(7 marks)

1 Find the value of $906\ 000 + 6000$

- (1) 16
- (2) 151
- (3) 160
- (4) 1510

()

2 Find the value of $4 \times 12 - (9 - 6 \div 3) \times 2$

(1) 46

(2) 43

(3) 34

(4) 22

()

3 Find the value of $\frac{2}{7} \times \frac{5}{4}$.

(1) $\frac{5}{14}$

(2) $\frac{6}{9}$

(3) $\frac{7}{11}$

(4) $\frac{8}{35}$

()

- 4 Sally wanted to buy a computer but the amount of money she had was only $\frac{5}{9}$ of the cost of the computer. After her parents gave her \$350, the amount of money she then had was $\frac{2}{3}$ of the cost of the computer. How much did the computer cost?

- (1) \$630
- (2) \$1050
- (3) \$1575
- (4) \$3150

()

- 5 The first 17 numbers of a number pattern are given below.

1, 3, 6, 4, 2, 4, 8, 6, 3, 5, 10, 8, 4, 6, 12, 10, 5, ...
1st 17th

Find the sum of the first 25 numbers.

- (1) 121
- (2) 145
- (3) 175
- (4) 181

()

Questions 6 to 8 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. (3 marks)

-
- 6 Write seven million, seven hundred and two thousand, two hundred and two in numerals.

Ans: _____

- 7 Find the value of $35 \div 9$. Express your answer as a mixed number in the simplest form.

Ans: _____

- 8 Express $5\frac{4}{125}$ as a decimal.

Ans: _____

Questions 9 to 13 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)

- 9 Parker swam 50 minutes each day from Monday to Friday. He swam 20 minutes each day on Saturday and Sunday. How many minutes did he swim in 40 weeks?

Ans: _____ min

- 10 Timothy sold 5000 plates of chicken rice and 1500 bowls of prawn noodles in January. He collected \$45,000 from the sales in January. The amount of money he collected from a bowl of prawn noodles is twice the amount of money he collected from a plate of chicken rice. What was the amount of money he collected from a plate of chicken rice?

Ans: \$ _____

- 11 A room has a breadth of $\frac{13}{3}$ m and a length of 36m. find the area of the room.

Ans: _____ m²

- 12 Mindy baked a total of 113 cookies and brownies. After giving away $\frac{3}{5}$ of the cookies and 38 brownies, she had an equal number of cookies and brownies left. How many cookies did she bake at first?

Ans: _____

13. Taylor saved 2 notes in her piggy bank each day for 10 days. Each note was either a \$2 note or a \$5 note. The total amount of money in the piggy bank was \$61. How many of the notes were \$2 notes?

Ans:

End of Paper

29 FEB 2024

Nanyang Primary School
Primary 5
Mathematics
Term 1 Weighted Assessment



Name: Student's Answer Key

Marks

/20

Class: Primary 5 ()

Date: 27 Feb 2024

Parent's Signature:

Duration: 40 minutes

The use of calculators is NOT allowed.

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 1 mark each. Questions 4 to 5 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.

(7 marks)

1 Find the value of $800\ 000 + 6000$

$$800\ 000 + 6000$$

(1) 16

(2) 161

(3) 160

(4) 1610

$$= 161$$

(2)

- 4 Sally wanted to buy a computer but the amount of money she had was only $\frac{2}{3}$ of the cost of the computer. After her parents gave her \$350, the amount of money she then had was $\frac{5}{4}$ of the cost of the computer. How much did the computer cost?

$$(1) \$850 - \frac{2}{3} = \frac{5}{4} - \frac{2}{3}$$

(2) \$1150

(3) \$1075

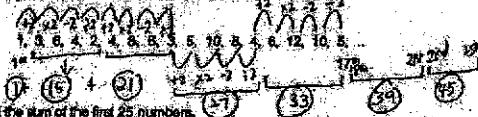
(4) \$3150

$$\frac{1}{3} \text{ of cost} = \$350$$

$$\frac{2}{3} \text{ of cost} = \$350 \times 9$$

$$= \$3150$$

- 5 The first 7 numbers of a number pattern are given below.



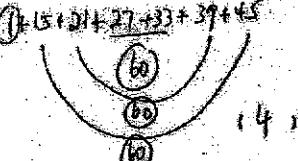
Find the sum of the first 25 numbers.

(1) 125

(2) 126

(3) 175

(4) 181



$$= 6x + 1$$

$$= 181$$

2 Find the value of $4 \times 12 - (9 - 6 \div 3) \times 2$

$$(1) 48$$

$$= 4 \times 12 - (9 - 2) \times 2$$

$$(2) 43$$

$$= 48 - 7 \times 2$$

$$(3) 34$$

$$= 48 - 14$$

$$(4) 22$$

$$= 34$$

(3)

3 Find the value of $\frac{2}{7} \times \frac{5}{4}$

$$(1) \frac{5}{14}$$

$$= \frac{1}{7} \times \frac{5}{4} \times 2$$

$$(2) \frac{6}{7}$$

$$= \frac{1 \times 5}{7 \times 2}$$

$$(3) \frac{7}{11}$$

$$= \frac{5}{14}$$

$$(4) \frac{8}{35}$$

(1)

Questions 6 to 8 carry 1 mark each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

- 6 Write seven million, seven hundred and two thousand, two hundred and two in numerals.

Ans: 7 702 202

- 7 Find the value of $35 \div 8$. Express your answer as a mixed number in the simplest form.

$$\frac{35}{8} = 3\frac{8}{8}$$

Ans: $3\frac{8}{8}$

- 8 Express $5\frac{4}{125}$ as a decimal.

$$5\frac{4 \times 8}{125 \times 8} = 5\frac{32}{1000}$$

$$= 5.032$$

Ans: 5.032

~~For each 1000 boxes sold, you receive \$10.00. For every 100 boxes sold, you receive \$10.00.~~

Use 1000 \rightarrow 5 days
Use 1000 \rightarrow 5 days

$$50 \times 5 = 250$$

$$30 \times 2 = 60$$

$$150 + 60 = 210$$

$$210 + 40 = 240$$

Ans. 240

16. Tammy sold 6000 boxes of chicken rice and 1200 boxes of prawn noodles in January. She collected \$600 from the sales in January. The amount of money he collected from a box of chicken rice is twice the amount of money he collected from a box of chicken rice. What was the amount of money he collected from a box of chicken rice?

1 box of prawn noodles = 1 box of chicken rice

$$1200 \times 2 = 2400$$

$$3600 + 2400 = 6000$$

$$\$45000 \div 6000 = \$7.50$$

Ans. 7.5

17. Taylor used 2 rolls of the paper towels each day for 13 days. Each roll was either a 12 units or a 15 units. The total number of units in the paper towels was 300. How many of the rolls were 15 units?

Assume all rolls are \$5 each.

$$2 \times 10 = 20$$

$$20 \times 15 = \$100$$

$$\$5 - \$2 = \$3$$

$$\$100 - \$21 = \$79$$

$$\$79 \div \$3 = 13 \text{ (ans)}$$

~~$$13 \times 2 = 26$$~~

$$20 - 13 = 7$$

$$7 \times \$5 = \$35$$

$$\$26 + \$35 = \$61$$

Guest and Check

No. of set	No. of set	Total
13	13 x 12 = \$26	
7	7 x 5 = \$35	
	\$26 + \$35 = \$61	

Ans. 13

Cost Price

18. A shopkeeper bought 1200 boxes of oranges. He sold 100 boxes at \$10 per box and 30 boxes at \$12 per box. How much did he sell the oranges for?

$$36 \times \frac{12}{3} = \frac{4}{7} \times \frac{12}{37}$$

$$= 156$$

$$\frac{12}{3} \times 156 = 156$$

19. Lucy baked a total of 113 cookies and brownies. After giving away of the cookies and 30 brownies, she had an equal number of cookies and brownies left. How many cookies did she bake at first?

After model



$$5x2 = 7 \text{ units}$$

$$7n = 113 - 36$$

$$= 77$$

$$1n = 77 \div 7$$

$$= 11$$

$$5x = 113 - 36$$

Ans. 55