Nanyang Primary School
Primary 5
Mathematics
Term 1 Weighted Assessment

Name:
Class:
Class:

Marks: /20

Parent's Signature:

Date:

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)

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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 30 minutes each day on Saturday and Sunday. How many minutes did he swim in 40 weeks?

Ans: _____ min

10 Timothy sold 6000 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: _____ m^2

12 Mindy baked a total of 113 cookies and brownies. After giving away $\frac{3}{5}$ of the cookies and 36 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 3 Weighted Assessment

Name: Students' Answer Key ( )

Marks: 120

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 906 000 ÷ 6000

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

906 000 ÷ 6000
= 151

(2)

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

(1) 48
(2) 43
(3) 34
(4) 22

$4 \times 12 - (9 - 6 \div 3) \times 2$
$= 4 \times 12 - (9 - 2) \times 2$
$= 4 \times 12 - 7 \times 2$
$= 48 - 14$
$= 34$

(3)

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

(1) $\frac{5}{14}$
(2) $\frac{8}{8}$
(3) $\frac{7}{11}$
(4) $\frac{5}{35}$

$\frac{2}{7} \times \frac{5}{4_2}$
$= \frac{1 \times 5}{7 \times 2}$
$= \frac{5}{14}$

(1)

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

$\frac{2}{3} - \frac{5}{9} = \frac{6}{9} - \frac{5}{9}$
$= \frac{1}{9}$
$\frac{1}{9}$ of cost = $350
$\frac{9}{9}$ of cost = $350 × 9
= $3150

(4)

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

1, 3, 6, 4, 2, 4, 8, 5, 3, 5, 10, 5, 4, 6, 12, 10, 5, ...

Find the sum of the first 25 numbers.

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

1 + 15 + 21 + 27 + 33 + 39 + 45
60
60
60
$= 60 \times 3 + 1$
$= 181$

(4)

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: 7 702 202

7 Find the value of 35 ÷ 9. Express your answer as a mixed number in the simplest form.

$\frac{35}{9} = 3\frac{8}{9}$

$9\overline{)35}$ R 8

Ans: $3\frac{8}{9}$

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

Questions [illegible] to [illegible] carry [illegible] 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. ([illegible] marks)

9. [illegible] 50 minutes each day from Monday to Friday. [illegible] 30 minutes each day on Saturday and Sunday. How many minutes did [illegible] in [illegible] weeks?

Mon to Fri → 5 days
Sat to Sun → 2 days

50 × 5 = 250
30 × 2 = 60
250 + 60 = 310
310 × 40 = 1240

Ans: 1240 min

10. Timothy sold 6000 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?

1 bowl of prawn noodles = 1 bowl of chicken rice

1500 × 2 = 3000
3000 + 6000 = 9000
$45000 ÷ 9000 = $5

Ans: $5

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

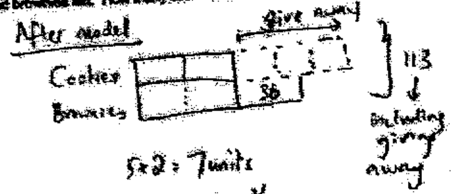
$36 \times \frac{13}{3} = \frac{36}{1} \times \frac{13}{3}$

= 156

12 × 13: 36 + 12[illegible] = 156

Ans: 156 m²

12. Mindy baked a total of 113 cookies and brownies. After giving away $\frac{3}{5}$ of the cookies and 36 brownies, she had an equal number of cookies and brownies left. How many cookies did she bake at first?



5 × 2 = 7 units
7u = 113 − 36
= 77
1u = 77 ÷ 7
= 11
5u = 11 × 5
= 55

Ans: 55

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?

Assume all notes are $5 notes.

2 × 10 = 20
20 × $5 = $100
$5 − $2 = $3
$100 − $61 = $39
$39 ÷ $3 = 13 (ans)

Check: 13 × $2 = $26
20 − 13 = 7
7 × $5 = $35
$26 + $35 = $61

Guess and Check

No. of $2	No. of $5	Value
(13)	20 − 13 = 7	13 × $2 = $26 7 × $5 = $35 $26 + $35 = $61 ✓

Ans: 13

End of Paper