Nanyang Primary School
Primary 4
Mathematics
Term 1 Combined Topical Test 2022



Name: _____ ( )

Class: Primary 4 ( )

Marks: /50

Date: _____ Parent's Signature: _____

Duration: 1 hour

Section A

Questions **1** 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.

(10 marks)

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1. In 34 765, the digit 7 is in the _____ place.

(1) tens (2) hundreds
(3) thousands (4) ten thousands ( )

2. 36 tens + 84 thousands is the same as _____.

(1) 84 360 (2) 84 036
(3) 8760 (4) 8436 ( )

3. 94 601 = _____ + 601

(1) 94 × 10 (2) 94 × 100
(3) 94 × 1000 (4) 94 × 10 000 ( )

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4. Estimate the value of 4513 – 971 by first rounding each number to the nearest thousand.

(1) 3000 (2) 3500
(3) 4000 (4) 4100 ( )

5. Which of the following is a common factor of 12 and 32?

(1) 8 (2) 6
(3) 3 (4) 4 ( )

Section B

Questions 6 to 17 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.

(24 marks)

6. Find the quotient when 8412 is divided by 9.

Ans: _____

7. Find the missing number in the box.

$123 \times 40 = 123 \times \boxed{?} \times 10$

Ans: _____

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8. A given number is a multiple of 8 and a factor of 48.
It is between 20 and 40.
What is the number?

Ans: _____

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9. Round the following numbers to the nearest hundred.

(a) 9 950

(b) 23 439

Ans: (a) _____

(b) _____

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10. Find the product of 236 and 47.

Ans: _____

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11. Write the following in numerals.

(a) Ninety-six thousand and eighteen

(b) Thirty–one thousand, two hundred and seventy

Ans: (a) _____

(b) _____

12. Use the 5 digits below to form the greatest 5-digit odd number. Use each digit once only.

4	9	6	7	3

Ans: _____

13. A number when divided by 6 gives a quotient of 345 and a remainder of 2. What is the number?

Ans: _____

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14. There are 20 girls standing in a row. Every 2nd girl is wearing a hair pin. Every 3rd girl is wearing a hat. How many girls wear both a hair pin and a hat?

Ans: _____

15. There are 354 people at a party. Each table can only have 5 seats. What is the smallest number of tables needed at the party?

Ans:

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16. Susan has 4364 stickers. May has 2468 stickers. How many stickers must Susan give May so that they have the same number of stickers in the end?

Ans: _____

17. Look at the pattern below.

S A F E T Y S A F E T Y S A F E T Y ...

What letter is in the 44th position?

Ans: _____

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Section C

For questions **18** to **21**, show your working clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

(16 marks)

18. A number has 10 as a factor.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick (✓) in the correct column.

Statement	True	False	Not possible to tell
The number is a multiple of 5.			
The number is an odd number.			
The number is a multiple of 12.			
The number has 4 as a factor.			

[4]

19. Mrs Samy collected a total of $486 from selling some chocolate muffins and 63 banana muffins. She sold the chocolate muffins at $3 each and the banana muffins at $4 each. How many chocolate muffins did she sell?

Ans: _____ [4]

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20. Sam had 6 times as much money as Karl. Karl had $128 less than Andy. Both Karl and Andy had a total of $800.

(a) How much money did Karl have?

(b) Sam then bought 8 identical lego sets with all his money. How much did each lego set cost?

Ans: (a) _____ [2]

(b) _____ [2]

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21. At a funfair, the number of children was 2 times the number of women. The number of women was 2 times the number of boys. There were 486 girls.

(a) How many children were there?

(b) Each girl bought 20 game tokens. How many game tokens did all the girls buy?

Ans: (a) _____ [2]

(b) _____ [2]

End of Paper

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Date: _____ Parent's Signature: _____

Duration: 1 hour

Section A
Questions 1 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.

(10 marks)

1. In 84 705, the digit 7 is in the _____ place.

(1) tens (2) hundreds
(3) thousands (4) ten thousands (2)

2. 36 tens + 84 thousands is the same as _____.

(1) 84 360 (2) 84 036
(3) 8760 (4) 8436 (1)

3. 84 801 = _____ + 801

(1) 84 × 10 (2) 84 × 100
(3) 84 × 1000 (4) 84 × 10 000 (3)

4. Estimate the value of 4513 − 975 by first rounding each number to the nearest thousand.

(1) 3000 (2) 3500
(3) 4000 (4) 4500 (3)

5. Which of the following is a common factor of 12 and 32?

(1) 3 (2) 6
(3) 5 (4) 4 (4)

Section B
Questions 6 to 17 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.

(24 marks)

6. Find the quotient when 8412 is divided by 9.

8412 ÷ 9 = 934 R 6

Ans: 934

7. Find the missing symbol in the box.

122 × 40 = 123 × 7 × 10

Ans: 4

8. A given number is a multiple of 8 and a factor of 48.
It is between 20 and 40.
What is the number?

multiples of 8: 8, 16, 24, 32, 40;

factors of 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

1×48
2×24
3×16
4×12
6×8

Ans: 24

9. Round the following numbers to the nearest hundred.

(a) 9 950

(b) 23 439

Ans: (a) 10 000
(b) 23 400

10. Find the product of 236 and 47.

236 × 47 =

Ans: 11 092

11. Write the following in numerals.

(a) Ninety-six thousand and eighteen

(b) Thirty-one thousand, two hundred and seventy

Ans: (a) 96 018
(b) 31 270

12. Use the digits below to form the greatest 5-digit odd number.
Use each digit once only.

4 9 8 7 3

Ans: 97 643

13. A number when divided by 6 gives a quotient of 345 and a remainder of 2. What is the number?

? ÷ 6 = 345 R 2

345 × 6 = 2070

2070 + 2 = 2072 (Ans)

Ans: 2072

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14. There are 20 girls standing in a row. Every 2nd girl is wearing a hair pin. Every 3rd girl is wearing a hat. How many girls wear both a hair pin and a hat?

Multiples of 2	2	4	(6)	8	10	(12)	14	16	(18)	20
Multiples of 3	3	(6)	9	(12)	15	(18)				

Ans: 3

15. There are 354 people at a party. Each table can only have 5 seats. What is the smallest number of tables needed at the party?

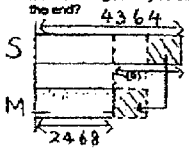
354 ÷ 5 = 70 R4
70 + 1 = 71 (Ans)

70
5 | 3 5 4
- 2 5
1 0 4
- 1 0 0
4

Ans: 71

3

16. Susan has 4364 stickers. May has 2468 stickers. How many stickers must Susan give May so that they have the same number of stickers in the end?



4364 − 2468 = 1896
1896 ÷ 2 = 948 (Ans)

Ans: 948

17. Look at the pattern below.

SAFETYSAFETYSAFETY...

What letter is in the 44th position?

44 ÷ 6 = 7 R(2)
7 sets of (SAFETY)
42nd position → Y
43rd position → S
44th position → A

Ans: A

Section C
For questions 19 to 21, show your reasoning clearly and write your answers in the spaces provided. The number of marks available is shown in brackets [ ] at the end of each question or part-question. (18 marks)

18. A number has 18 as a factor.

Each statement below is either true, false or not possible to tell from the information given. For each statement, put a tick ( ) in the correct column.

Statement	True	False	Not possible to tell
The number is a multiple of 6.	✓		
The number is an odd number.		✓	
The number is a multiple of 12.			✓
The number has 4 as a factor.			✓

[4]

19. Mrs Seow collected a total of $486 from selling some chocolate muffins and 63 banana muffins. She sold the chocolate muffins at $3 each and the banana muffins at $4 each. How many chocolate muffins did she sell?

Banana muffins → 63 × $4
= $252
Chocolate muffins → $486 − $252
= $234
Number of chocolate muffins → $234 ÷ $3
= 78 (Ans)

63
× 4
252
486
− 252
234
78
3 | 2 3 4
- 21
24
- 24
0

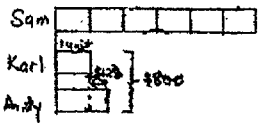
Ans: 78 [4]

7

20. Sam had 6 times as much money as Karl. Karl had $128 less than Andy. Both Karl and Andy had a total of $800.

(a) How much money did Karl have?

(b) Sam then bought 8 identical lego sets with all his money. How much did each lego set cost?



2 units = $800 − $128
= $672
(a) 1 unit = $672 ÷ 2
= $336 (Ans)
Sam → $336 × 6
= $2016
1 lego set → $2016 ÷ 8
= $252 (Ans)

Ans: (a) $336 [2]
(b) $252 [2]

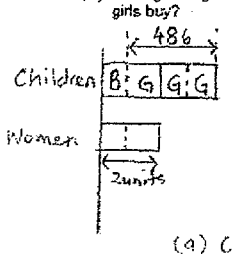
8

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21 At a funfair, the number of children was 2 times the number of women. The number of women was 2 times the number of boys. There were 486 girls.

(a) How many children were there?

(b) Each girl bought 20 game tokens. How many game tokens did all the girls buy?



3 units = 486

1 unit = 486 ÷ 3

= 162 (Boys)

(a) Children → 162 + 486

= 648 (Girls)

(b) Total Tokens → 486 × 20

= 9720 (Tokens)

$$\begin{array}{r} 162 \\ 3\overline{)486} \\ -3\downarrow \\ \hline 18 \\ -18 \\ \hline 06 \\ -6 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 162 \\ +486 \\ \hline 648 \end{array}$$

$$\begin{array}{r} 486 \\ \times\ 20 \\ \hline 9720 \end{array}$$

Ans: (a) 648 [2]

(b) 9720 [2]

End of Paper

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