



NANYANG PRIMARY SCHOOL

**FIRST SEMESTRAL ASSESSMENT  
2019**

**PRIMARY 3**

**MATHEMATICS  
(BOOKLET A)**

Total Duration for Booklets A and B: 1 hour 45 minutes

Additional materials: Optical Answer Sheet (OAS)

**INSTRUCTIONS TO PUPILS**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Shade your answers in the Optical Answer Sheet (OAS) provided.

Name: \_\_\_\_\_ (      )

Class: Primary 3 (      )



Questions 1 to 20 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 shade your answer on the Optical Answer Sheet. (40 marks)

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1. Which of the following numbers has the digit 5 in the hundreds place?

(1) 5742

(2) 3529

(3) 2605

(4) 1850

2. Write 9471 in words.

(1) Nine thousand, four hundred and seventy-one

(2) Nine thousand, seven hundred and forty-one

(3) Nine thousand, four hundred and seventeen

(4) Nine thousand and forty-seven

3. Arrange the following four numbers from the smallest to the greatest.

9099	9709	9802	9690
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Smallest

Greatest

(1) 9802, 9709, 9690, 9099

(2) 9690, 9709, 9802, 9099

(3) 9099, 9802, 9709, 9690

(4) 9099, 9690, 9709, 9802

4. What is the difference between 3107 and 5766?

(1) 2669

(2) 2661

(3) 2659

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(4) 2559

5. Find the value of  $56 \div 7$ .

(1) 6

(2) 7

(3) 8

(4) 9

6. What is the product of 628 and 6?

(1) 3628

(2) 3668

(3) 3728

(4) 3768

7. Find the value of  $177 \div 3$ .

- (1) 57
- (2) 59
- (3) 570
- (4) 590

8. What is the missing amount of money?

$$\$4.30 + \$38.80 = \boxed{?}$$

- (1) \$33.10
- (2) \$43.10
- (3) \$71.80
- (4) \$81.80

9. What is the missing number in the number pattern below?

?	2233	2533	2833	3133
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- (1) 1733
- (2) 1833
- (3) 1933
- (4) 2133

10.

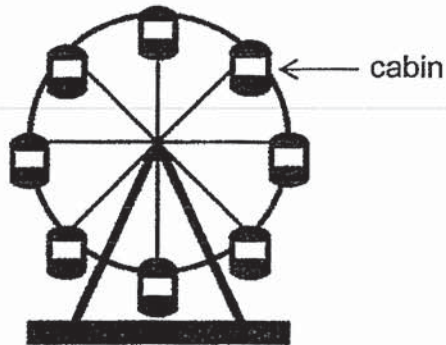
$$\begin{array}{r} 7 \quad 5 \quad 9 \quad 6 \\ + \quad 1 \quad 4 \quad 4 \quad 5 \\ \hline 9 \quad \boxed{?} \quad 4 \quad 1 \\ \hline \end{array}$$

What is the missing number in the box?

- (1) 1
  - (2) 2
  - (3) 0
  - (4) 9
11. Bobby had some rubber bands at first.  
After buying 1300 rubber bands, he had 3100 rubber bands.  
How many rubber bands did Bobby have at first?
- (1) 1800
  - (2) 2200
  - (3) 2800
  - (4) 4400
12. Susan has 746 stickers.  
Linda has 122 more stickers than Susan.  
Andrew has 220 fewer stickers than Linda.  
How many stickers does Andrew have?
- (1) 404
  - (2) 648
  - (3) 844
  - (4) 868

13. Mrs Tan paid \$24 for some oranges.  
Each bag of oranges cost \$8.  
How many bags of oranges did she buy?
- (1) 16
  - (2) 32
  - (3) 3
  - (4) 4
14. Muthu wanted to pack 57 apples into as many bags as possible.  
Each bag had 9 apples.  
How many apples were **not** packed?
- (1) 6
  - (2) 48
  - (3) 3
  - (4) 513
15. There are 301 marbles in a packet.  
There are 7 such packets of marbles.  
How many marbles are there altogether?
- (1) 2177
  - (2) 2107
  - (3) 308
  - (4) 43

16. A group of 63 children want to take a ride together on the ferris wheel. Each cabin of the ferris wheel can carry at most 6 children. What is the smallest number of cabins needed?



- (1) 10
  - (2) 11
  - (3) 12
  - (4) 13
17. Alvin scored 872 points.  
Bala scored two times as many points as Alvin had scored.  
Chandran scored 926 more points than Bala.  
How many points did Chandran score?

- (1) 818
- (2) 1362
- (3) 1744
- (4) 2670



18. Mina had \$20.  
She bought 2 books that cost \$7.20 each.  
How much money did she have left?

(1) \$14.40

(2) \$12.80

(3) \$6.40

(4) \$5.60

19. Jimmy wants to buy a shirt for \$43.60 and a book for \$19.50.  
He has 5 ten-dollar notes.  
How much more money does he need?

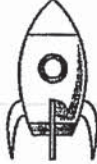




(1) \$13.10

(2) \$53.10

(3) \$63.10

(4) \$113.10

20. Jennie had \$100.  
She spent as much money as she could to buy 2 of the toys as shown.  
Which toys did she buy?

 Rocket \$77.80	 Robot \$59.25	 Basketball \$22.40
 Truck \$37.90	 Teddy Bear \$44.85	

- (1) Truck and Robot
- (2) Teddy Bear and Truck
- (3) Teddy Bear and Robot
- (4) Basketball and Rocket



NANYANG PRIMARY SCHOOL

**FIRST SEMESTRAL ASSESSMENT  
2019**

**PRIMARY 3**

**MATHEMATICS  
(BOOKLET B)**

Total Duration for Booklets A and B: 1 hour 45 minutes

**INSTRUCTIONS TO PUPILS**

1. Do not turn over this page until you are told to do so.
2. Follow all instructions carefully.
3. Answer all questions.
4. Write your answers in this booklet.

Name: \_\_\_\_\_ (       )

Class: Primary 3 (       )

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

Booklet A	/ 40
Booklet B	/ 60
Total	/ 100

Any query on marks awarded should be raised by 24 May 2019. We seek your understanding in this matter as any delay in the confirmation of marks will lead to delays in the generation of results.

Questions 21 to 40 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. (40 marks)

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21. What is the missing number?

$$5000 + \underline{\hspace{2cm}} + 90 + 8 = 5198$$

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Ans:                     

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22. Write eight thousand, five hundred and forty in numerals.

Ans:                     

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23. a) Convert \$6.05 to cents.  
b) Convert 1325¢ to dollars.

Ans: (a)                      ¢

(b) \$                     

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24. There were 1365 roses.  
There were 2123 sunflowers.  
How many roses and sunflowers were there in total?

Ans:                     

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25. A basket can hold 8 eggs.  
How many eggs can 9 such baskets hold altogether?

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

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26. There are 2 jars.  
Each jar contains 904 sweets.  
How many sweets are there in the 2 jars?

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

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27. What is the quotient when 425 is divided by 8?

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

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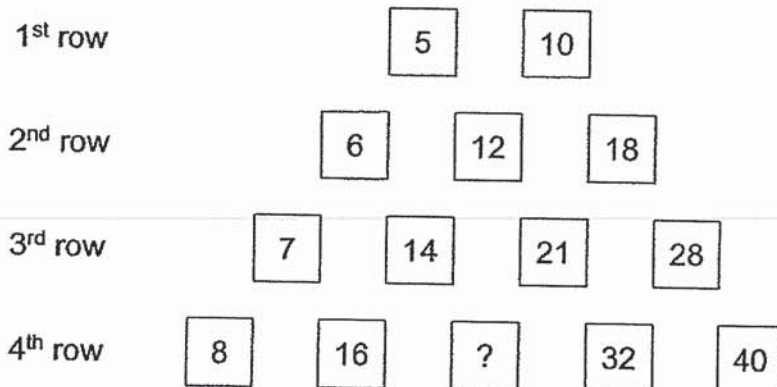
28. Use the digits below to form the smallest 4-digit even number.  
Each digit can only be used once.

2	0	1	3	6
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Ans: \_\_\_\_\_

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29. What is the missing number in the box?

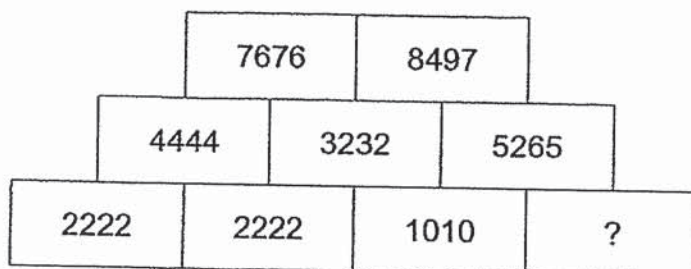


Ans: \_\_\_\_\_

30. Tania had \$1712 more than Vivienne.  
Mother gave \$120 to Tania.  
How much more money did Tania have than Vivienne in the end?

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

31. What is the missing number?



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

32. Jamil had the following amount of money in his wallet.  
He bought a belt for \$9.55.  
How much money did he have left?



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

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33. A bowl of noodles cost \$3.80.  
A bowl of dessert cost \$1.20 less than the bowl of noodles.  
Mei Ling bought a bowl of noodles and a bowl of dessert.  
How much did she spend in total?

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

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34. To bake 8 cupcakes, Kai Xin needed a box of flour.  
She used 8 boxes of flour to bake some cupcakes.  
She gave all the cupcakes to 4 friends equally.  
How many cupcakes did each friend get?

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

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35. Bala has 511 stamps.  
Ravi has 8 times as many stamps as Bala.  
How many stamps does Ravi have?

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

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36. Mr Tan sold 789 bowls of dumplings.  
There were 3 dumplings in each bowl.  
How many dumplings did Mr Tan sell?

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

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37. Harley had 725 erasers.  
He put all of them equally into 5 bags.  
How many erasers were there in each bag?

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

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38. There were some passengers on a train at first.  
At a station, 750 passengers got on the train and 900 passengers got off.  
In the end, there were 1350 passengers on the train.  
How many passengers were there on the train at first?

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

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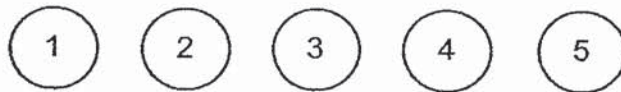


39. John and Mary baked some buns in a week.  
John baked 343 buns in that week.  
Mary baked twice as many buns as John in that week.  
Mary baked the same number of buns each day.  
How many buns did Mary bake each day?

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

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40. There were 5 balls in a box.  
The balls were numbered 1, 2, 3, 4 or 5.  
Mark picked 3 balls of different numbers from the box all at once.  
He added the numbers and got a sum of 10.  
How many possible ways could Mark pick the 3 different balls?



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

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For questions 41 to 45, 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. (20 marks)

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41. Mr Lee bought 9 crates of pears.  
Each crate contained 82 pears.

- (a) How many pears did Mr Lee buy?
- (b) Mr Lee sold 512 pears.  
How many pears did Mr Lee have left?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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42. Taylen had 981 chocolate muffins and some vanilla muffins.  
He packed all the chocolate muffins and vanilla muffins equally into boxes.  
Each box contained 9 chocolate muffins and 5 vanilla muffins.
- (a) How many boxes did Taylen pack?
- (b) How many vanilla muffins did Taylen have?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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43. Wilson has some money.  
Xavier has half as much money as Wilson.  
Muthu has thrice as much money as Xavier.  
They have a total of \$216.

(a) How much money does Xavier have?

(b) Xavier wants to buy a bag.  
He is short of \$20.40.  
What is the cost of the bag?

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Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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44. Miss Ho needed to make some costumes for Chingay Parade.  
She made 120 shirts and 80 dresses in the first week.  
She made 170 shirts and 110 dresses in the second week.  
She made 220 shirts and 140 dresses in the third week.  
She made 270 shirts and 170 dresses in the fourth week.  
She continued to make the shirts and dresses in the same pattern for the following weeks.

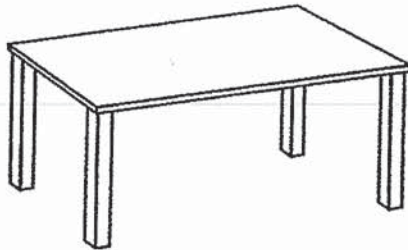
- (a) How many shirts did Miss Ho make in the fifth week?  
(b) How many fewer dresses than shirts did Miss Ho make in the fifth week?

Ans: (a) \_\_\_\_\_ [2]

(b) \_\_\_\_\_ [2]

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45. A table had 4 legs and a stool had 3 legs.  
Tina bought 2 more stools than tables.  
She counted a total of 90 legs on the tables and stools.  
How many stools did Tina buy?



Table



Stool

Ans: \_\_\_\_\_ [4]

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End of Paper



# ANSWER KEY

YEAR : 2019  
 LEVEL : PRIMARY  
 SCHOOL : NANYANG PRIMARY SCHOOL  
 SUBJECT : MATHEMATICS  
 TERM : FIRST SEMESTRAL ASSESSMENT

## BOOKLET A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
2	1	4	3	3	4	2	2	3	3
Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20
1	2	3	3	2	1	4	4	1	1

## BOOKLET B

Q21. 100

Q22. 8540

Q23. (a) 605¢

(b) \$13.25

Q24. 3488

Q25. 72

Q26. 1808

Q27. 53

Q28. 1026

Q29. 24

Q30. \$1832

Q31. 4255

Q32. 10.70

Q33. 6.40

Q34. 16

Q35. 4088

Q36. 2367

Q37. 145

Q38. 1500

Q39. 98

Q40. 2

Q41. (a) 738

(b) 226

Q42. (a) 109

(b) 545

Q43. (a) \$36

(b) \$56.40

Q44. (a) 320

(b) 120

Q45. 14