NAN HUA PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 1 – 2019

PRIMARY THREE

MATHEMATICS

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the space provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Shade your answers in the Optical Answer Sheet (OAS) provided for Questions 1 to 10.

Marks Obtained

Section	Maximum Marks	Actual Marks
A	20	
B	44	
C	16	
Total	80	

Name : _____ ( )

Class : Pr 3 _____

Date : 16 May 2019

Duration: 1 h 45 min

Parent's Signature :_____

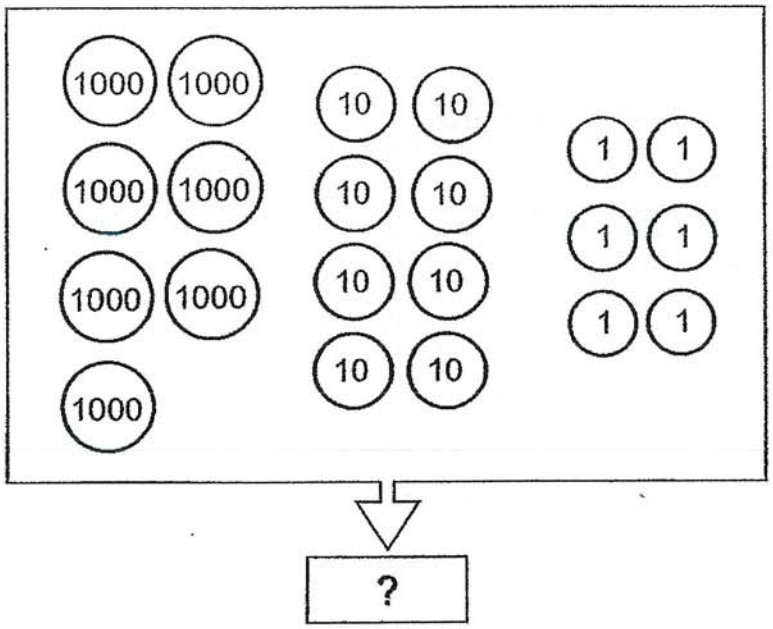
Section A (20 marks)

Questions 1 to 10 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 in the Optical Answer Sheet (OAS).

1. Five thousand, three hundred and thirty in numerals is _____.

   (1) 5033
   (2) 5303
   (3) 5313
   (4) 5330 ( )

2. What is the number shown below?



   (1) 7860
   (2) 7806
   (3) 7086
   (4) 7068 ( )

3. 905¢ = _____

What is the missing number in the blank?

(1) $90.50
(2) $90.05
(3) $9.50
(4) $9.05 ( )

4. In which one of the following numbers does the digit '7' have the greatest value?

(1) 9703
(2) 8079
(3) 7043
(4) 6297 ( )

5. 8039 = _____ + 30 + 9

(1) 8
(2) 80
(3) 800
(4) 8000 ( )

6. What is the cost of 6 ten-cent stamps and 3 fifty-cent stamps?

(1) $1.10
(2) $2.10
(3) $3.10
(4) $4.10 ( )

7. Which one of the following would most likely be the length of a bed?

(1) 20 m
(2) 2 m
(3) 20 cm
(4) 2 cm ( )

8. 7 groups of 6 is the same as _____ .

(1) 6 x 6 x 6 x 6 x 6 x 6 x 6
(2) 6 + 6 + 6 + 6 + 6 + 6 + 6
(3) 7 + 7 + 7 + 7 + 7 + 7 + 7
(4) 7 x 7 x 7 x 7 x 7 x 7 ( )

9. I'm thinking of a number.
When I divide the number by 5, its quotient is 43 and its remainder is 3.
What is the number?

(1) 230
(2) 218
(3) 215
(4) 212 ( )

10. After buying 6 shirts that cost $4 each, Muthu had $6.50 left.
How much money did Muthu have at first?

(1) $30.50
(2) $17.50
(3) $10.50
(4) $2.50 ( )

Section B (44 marks)

Show your workings clearly and write your answers in the boxes provided.

11. In 2319, which digit is in the hundreds place?

12. Arrange the fractions below in order.
Begin with the **smallest** fraction.

$\frac{1}{6}$ $\frac{1}{12}$ $\frac{1}{8}$

[ ] , [ ] , [ ]

smallest

13. What is the missing fraction in the equation below?

$\frac{6}{9} - \frac{1}{9} =$?

14. Tom left his house for the library at 9.00 a.m.
He took half an hour to reach the library.
What time did he reach the library?

a.m.

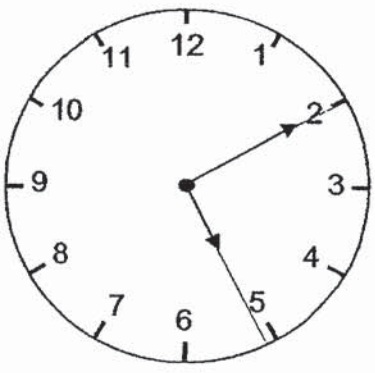
15. Arrange these numbers in order. Begin with the **greatest** number.

3298 2398 3982 2839

_____, _____, _____, _____

greatest

16. What is the time shown on the clock below?



p.m.

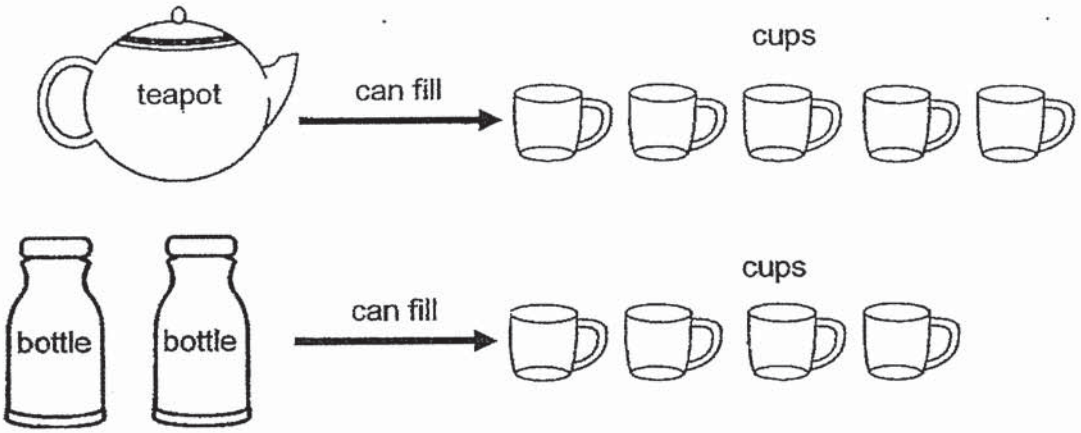
17. What is the missing fraction in the equation below?

$$\boxed{?} + \frac{3}{11} = \frac{5}{11}$$

18. Form the greatest 4-digit even number using all the digits below.
Use each digit once only.

3 2 6 1

19. Look at the picture below.



How many fewer cups of water can a bottle fill than a teapot?

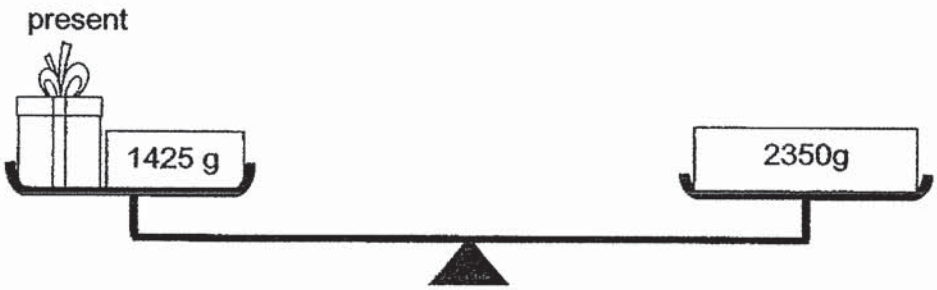
20. Study the number pattern below. What is the missing number?

3069, 3079, 3089, 3099, _____, 3119, 3129

21. What is the missing digit in the box?

$$\begin{array}{r} 5\ 0\ \boxed{?}\ 8 \\ +\ 1\ 2\ 5\ 6 \\ \hline 6\ 3\ 2\ 4 \end{array}$$

22. Look at the picture below.



What is the mass of the present?

g

23. The product of two numbers is 744. One of the numbers is 6.
What is the other number?

24. A roll of ribbon is 570 cm long.
Alice cuts the ribbon into equal strips of 5 cm.
How many 5-cm strips of ribbon does she get?

25. Figure A below is made up of cuboids and cylinders.

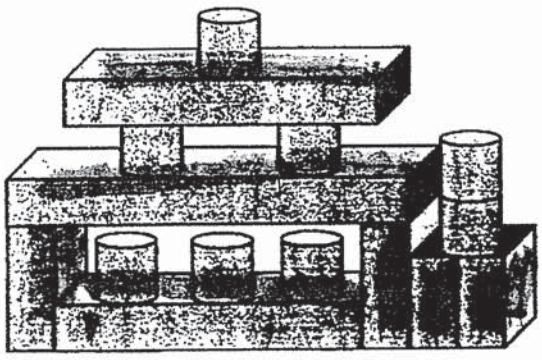


Figure A

How many cuboids made up this figure?

26. Khalid baked 64 tarts in the morning and 48 tarts in the afternoon.
He put all the tarts equally into 8 boxes.
How many tarts were there in each box?

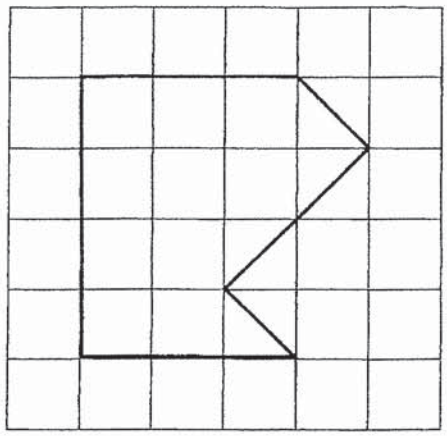
27. Look at the 4 numbers below.
Which 2 numbers will give the greatest difference?

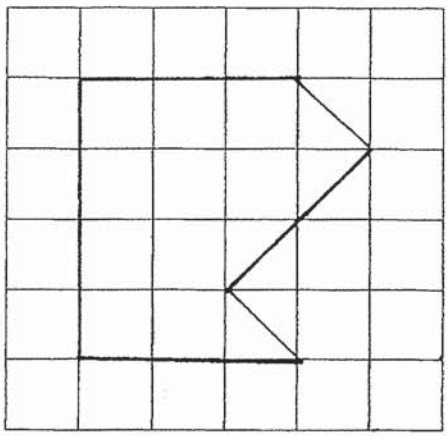
6390	542	6234	508

and

28. 3 children measured their heights.
David is shorter than Mary.
Tom is taller than David.
Mary is shorter than Tom.
Who is the tallest among these 3 children?

29. Use a ruler to copy the given figure in the square grid provided.





30. Ahmad collected 234 stamps.
Benny collected three times as many stamps as Ahmad.
How many stamps did they collect altogether?

31. Peter wants to buy a file and a pen.
The file costs $3.50 and the pen costs $1.60.
Peter needs another $0.50. How much money does Peter have?

$

32. There are 3 tins labelled A, B and C containing some sweets.
Tin B has fewer sweets than Tin A.
Tin C has the most number of sweets.

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 box.

Statements	True	False	Not possible to tell
(a) The number of sweets in both Tin A and Tin B is more than the number of sweets in Tin C.			
(b) Tin B has the least number of sweets.			

Section C (16 marks)

Questions **33** to **37** carry 3 or 4 marks each. Show your workings clearly and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

33. On Saturday, there were 3580 visitors at an exhibition.
There were 1400 fewer visitors at the exhibition on Sunday than on Saturday.
How many visitors were at the exhibition on both days? [3 marks]

34. The menu below shows the food items sold at D'Licious Cake Shop.

D'Licious Price List

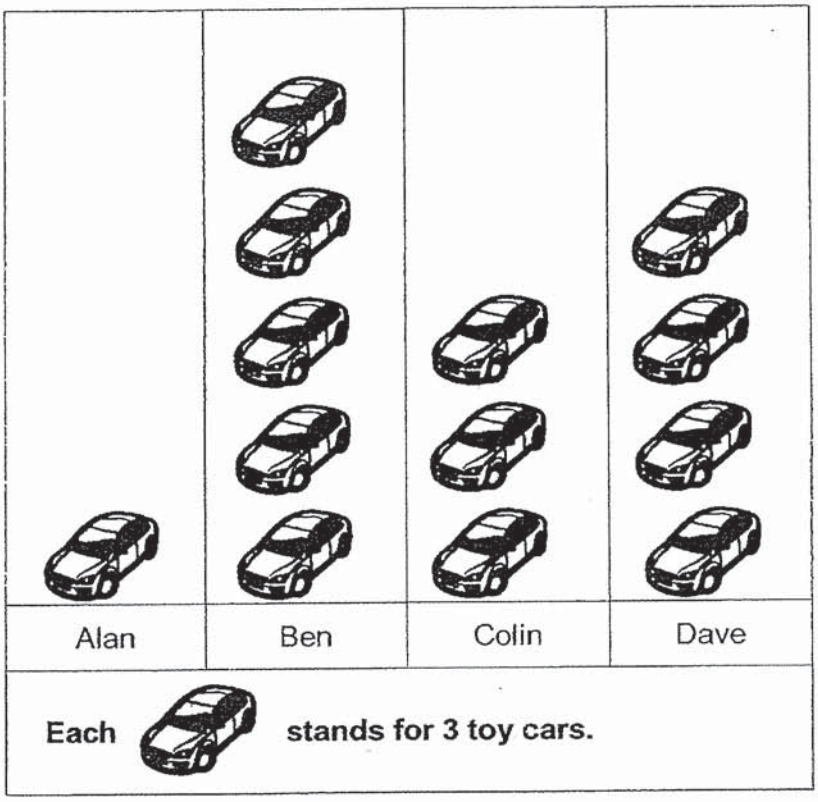
	cupcake	$2.60		cheesecake	$5
	pumpkin pie	$4.20		fruit tart	$2.50

(a) Mindy bought 1 cheesecake and 2 pumpkin pies.
How much did she spend altogether? [1 mark]

(b) She gave $20 to the cashier. How much change did she receive? [2 marks]

35. This picture graph shows the number of toy cars collected by 4 children. Look at the picture graph below and answer Questions 35(a) and 35(b).

Our Toy Car Collection



35 (a) Who collected 3 fewer toy cars than Dave? [1 mark]

35 (b) Alan wants to collect as many toy cars as Ben.
How many more toy cars does he need to collect? [2 marks]

36. There are 3 packets of flour.
Packet B has a mass of 6 kg.
The total mass of Packets A and B is 80 kg.
The total mass of Packets B and C is 38 kg.
What is the total mass of Packets A and C? [3 marks]

37. Gopal had 21 pens and some erasers.
He packed all the pens and erasers equally into boxes.
There were 3 pens and 8 erasers in each box.
There were no pens and erasers left.

(a) How many boxes did he use? [2 marks]

(b) How many erasers did he have at first? [2 marks]

End of Paper

ANSWER KEY

YEAR : 2019
LEVEL : PRIMARY 3
SCHOOL : NAN HUA PRIMARY SCHOOL
SUBJECT : MATHEMATICS
TERM : SA1

SECTION A

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
4	3	4	3	4	2	2	2	2	1

SECTION B

Q11	3
Q12	$\frac{1}{12}$, $\frac{1}{8}$, $\frac{1}{6}$ **smallest**
Q13	$\frac{6}{9} - \frac{1}{9} = \frac{5}{9}$
Q14	30 min 9.00a.m. 9.30a.m. Answer: 9.30 a.m.
Q15	3982 , 3298 , 2839 , 239 **greatest**
Q16	5.10 p.m.
Q17	$\frac{2}{11} + \frac{3}{11} = \frac{5}{11}$ Answer: $\frac{2}{11}$
Q18	6312
Q19	4 / 2 = 2 5 – 2 = 3
Q20	3109
Q21	6
Q22	2350 – 1425 = 925 g
Q23	744 ÷ 6 = 124
Q24	570 ÷ 5 = 114
Q25	7

Q26	64 + 48 = 112 112 ÷ 8 = 14
Q27	6390 and 508
Q28	Tom
Q30	234 × 3 = 702 234 + 702 = 936
Q31	3.50 + 1.60 = 5.10 5.10 – 0.50 = $4.60
Q32	a) Not possible to tell b) True

SECTION C

Q33	3580 – 1400 = 2180 3580 + 2180 = 5760
Q34	a) 5 + 4.20 + 4.20 = $1 b) 20 – 13.40 = $6.60
Q35	a) Colin b) 4 × 3 = 12
Q36	A: 80 – 6 = 74 C: 38 – 6 = 32 74 + 32 = 106 kg
Q37	a) 21 ÷ 3 = 7 b) 7 × 8 = 56

THE END