



**NAN HUA PRIMARY SCHOOL**  
**SEMESTRAL ASSESSMENT 1 – 2012**  
**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 - 20.
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**Marks Obtained**

Section	Maximum Marks	Actual Marks
A	40	
B	40	
C	20	
Total	100	

Name : \_\_\_\_\_ ( )

Class : Pr 3 \_\_\_\_\_

Date : 9 May 2012

Duration: 1 h 45 min

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

**Section A: (20 × 2 marks)**

For each question, four options are given. Only one of them is the correct answer. Make your choice (1, 2, 3 or 4) and shade the correct oval on the Optical Answer Sheet (OAS).

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1. In the number 5 963, the value of the digit '6' is \_\_\_\_\_.
- (1)  $6 \times 1$
  - (2)  $6 \times 10$
  - (3)  $6 \times 100$
  - (4)  $6 \times 1000$
- ( )

2. Which of the following is equal to 2 098 ?
- (1)  $20 + 90 + 8$
  - (2)  $200 + 90 + 8$
  - (3)  $2\ 000 + 90 + 8$
  - (4)  $2\ 000 + 900 + 8$
- ( )

3. How many tens are there in 780 ?
- (1) 8
  - (2) 78
  - (3) 80
  - (4) 700
- ( )

4. Which of the following is an even number with the smallest value ?
- (1) 4 765
  - (2) 5 476
  - (3) 6 457
  - (4) 7 654
- ( )

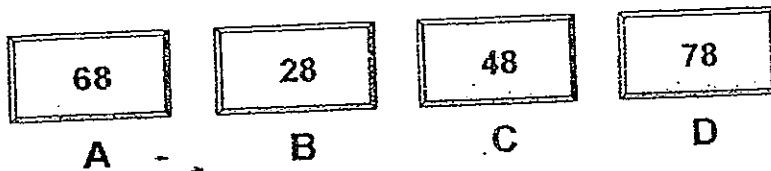
5. What is the sum of all the odd numbers between 15 and 25 ?
- (1) 120
  - (2) 100
  - (3) 80
  - (4) 40
- ( )

6. The difference between 2 numbers is 16.  
If the greater number is 75, what is the other number?

- (1) 91
- (2) 73
- (3) 59
- (4) 57

( )

7. Bala added 2 numbers and got the answer 106.  
Which 2 numbers did he add ?



- (1) A and B
- (2) B and C
- (3) C and D
- (4) B and D

( )

8. Which of the following is NOT correct ?

- (1)  $8 \div 1 = 8$
- (2)  $6 \times 0 = 0$
- (3)  $6 \times 8 = 8 \times 6$
- (4)  $6 \times 8 = 6 + 6 + 6 + 6 + 6 + 6$

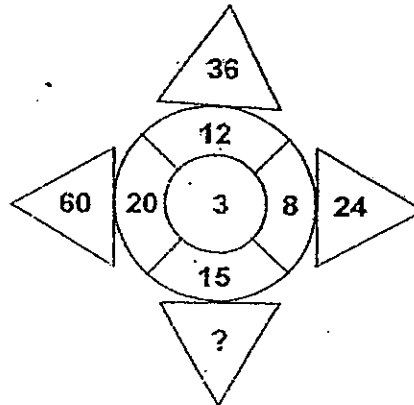
( )

9. What is the quotient when 32 is divided by 5 ?

- (1) 5
- (2) 2
- (3) 6
- (4) 8

( )

10. Study the number pattern .  
What is the missing number ?



- (1) 5  
(2) 12  
(3) 18  
(4) 45

( )

11. Divide 121 by 7. What is the remainder ?

- (1) 1  
(2) 2  
(3) 3  
(4) 4

( )

12. A number is divided by 8. The quotient is 9 and the remainder is 3.  
What is the number ?

- (1) 99  
(2) 96  
(3) 33  
(4) 75

( )

13. 48 chairs are arranged in 3 rows. The number of chairs in each row is the same. How many chairs are there in 2 rows ?

- (1) 16  
(2) 18  
(3) 32  
(4) 96

( )

14. Fourteen dollars and eight cents is the same as \_\_\_\_\_.

- (1) \$14.08
- (2) \$14.80
- (3) \$40.08
- (4) \$40.80

( )

15. \$10.50 = \_\_\_\_\_ ¢

- (1) 105
- (2) 150
- (3) 1 005
- (4) 1 050

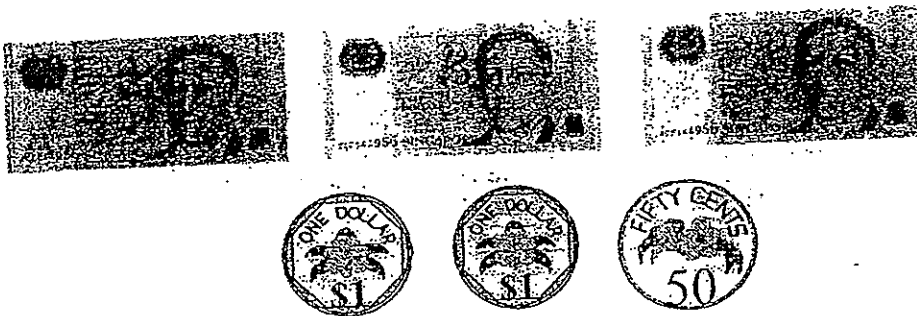
( )

16. Which of the following amount of money is the greatest ?

- (1) 5 fifty-cent coins
- (2) 2 one-dollar coins
- (3) 23 ten-cent coins
- (4) 14 twenty-cent coins

( )

17. Caili has the following amount of money in her purse. She wants to change all the money to 50-cent coins. How many 50-cent coins will she get?



- (1) 11
- (2) 15
- (3) 17
- (4) 9

( )

18. Carol and Alice share \$24 such that Carol has \$2 more than Alice. What is Carol's share ?

- (1) \$10
- (2) \$11
- (3) \$13
- (4) \$14

( )

19. Mrs Lee had some sweets. She gave 17 to her pupils and bought 65 more sweets. She has 100 sweets now. How many sweets did she have at first ?

- (1) 18
- (2) 52
- (3) 82
- (4) 148

( )

20. Xiaoming has 5 times as many stickers as his sister. If his sister has 30 stickers, how many stickers must he give his sister so that they will have the same number of stickers ?

- (1) 6
- (2) 60
- (3) 75
- (4) 150

( )

**Section B: (20 × 2 marks)**

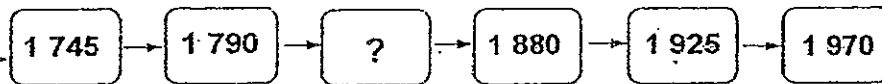
For each question, show your working clearly in the space below and write your answer in the box provided. Give your answer in the unit stated.

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21. Write 8 540 in words.

Ans:

22. What is the missing number in the following number pattern ?

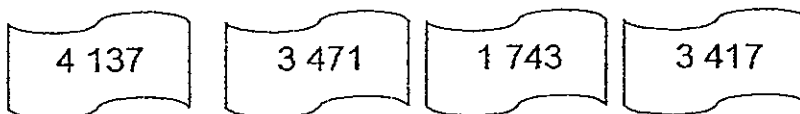


Ans:

23. What number is 100 more than 2 961 ?

Ans:

24. Arrange the numbers in order. Begin with the **smallest**.



Ans:  ,  ,  ,   
          smallest

25. I am a 4-digit number with the digits 2, 3, 6, and 7.  
I am the greatest possible number between 6 000 and 7 000.  
What number am I? (Each digit can only be used once.)

Ans:

26. Four boys are queuing to buy their House T-shirts. Tom is ahead of Jack.  
Andy is behind Jack. Tom is behind Ken. Andy is last in the queue.  
Who is third in line?

Ans:

27. What must be added to 265 to make 900?

Ans:

28.

$$\begin{array}{r} 7 \quad 8 \quad 5 \quad 2 \\ - 3 \quad \boxed{?} \quad 6 \quad 0 \\ \hline 4 \quad 3 \quad 9 \quad 2 \end{array}$$

What is the missing number in the box?

Ans:



29. Find the difference between 8 tens and 40 hundreds ?

Ans:

30. There are 2 000 books in a library. 1 100 of them are fiction books and the rest are non-fiction books. How many more fiction books than non-fiction books are there ?

Ans:

31. What is the product of 54 and 9 ?

Ans:

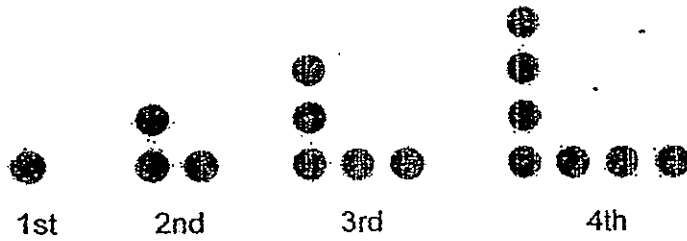
32. If  $\star + \star + \star + \star = 16$

$$\text{☾} + \text{☾} + \text{☾} = 24$$

What is the value of  $\star + \text{☾}$  ?

Ans:

33. Study the pattern carefully.



How many dots are needed to form the 7<sup>th</sup> pattern ?

Ans:

dots

34. A handbag costs \$250. A wallet costs \$138 less than the handbag.  
How much do the 2 items cost altogether?

Ans:

\$

35. Liming shared 72 marbles equally with 3 of his friends.  
How many marbles did each child get ?

Ans:

marbles

36. A florist sold 5 stalks of roses for \$2. She sold 350 stalks of roses in all.  
How much money did she earn ?

Ans:

\$

37. A baker baked 81 egg tarts. He placed them all into boxes.  
Each box could contain 6 egg tarts. What would be the  
least number of boxes needed to contain all the 81 egg tarts ?

Ans:

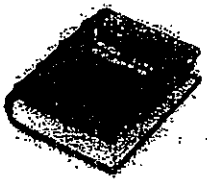
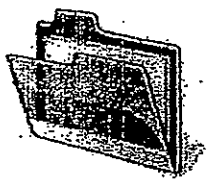


boxes

38. Michael was given the exact amount of money to buy 6 similar files.  
However, he only bought 4 files and had \$8 left.  
How much was he given at first ?

Ans:

\$

39.

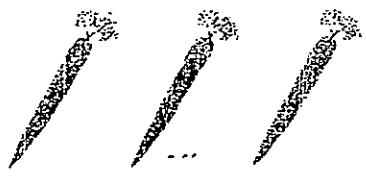

book	file	pen	stapler
			
\$14.90	\$4.20	\$16.50	\$3.50

Jenny has \$30 only. She wants to buy two different items shown above. Which two items must she buy in order to receive the least change ?

Ans:

	and
--	-----

40. Study the diagram below.

<p><u>Carrots</u></p>  <p><b>3 for \$2</b></p>	<p><u>Turnip</u></p>  <p><b>1 for \$1.90</b></p>
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How much did Mr Chef have to pay if he bought 9 carrots and 3 turnips ?

Ans:

\$
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**Section C: (5 x 4 marks)**

**Answer all the questions. All number sentences, statements and workings must be clearly shown.**

41. There were 857 people at a funfair. 295 of them were men, 324 of them were women and the rest were children. How many children were there ?

42. Hassan collected 2 812 bottle caps. He collected 564 fewer bottle caps than Peter. How many bottle caps did they collect altogether ?

43. Mrs Tan bought 5 boxes of muffins. There were 24 muffins in each box. She gave each friend 8 muffins. If she gave away all her muffins, how many friends did she give to ?

44. Amos saved \$180. He saved twice as much as Ben. Chris saved \$50 more than Ben. How much did the 3 boys save altogether ?

45. A box contained 20 notebooks. Mary, Sili and Lucy together bought 6 boxes of notebooks and got 6 notebooks free. If they shared the notebooks equally, how many notebooks did each girl get?

End-of-paper





# ANSWER SHEET

## EXAM PAPER 2012

SCHOOL : NAN HUA  
SUBJECT : PRIMARY 3 MATHEMATICS

TERM . : SA1

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

Q18	Q19	Q20
3	2	2

- 21) eight thousand, five hundred and forty      22) 1835      23) 3061  
24) 1743, 3417, 3471, 4137      25) 6732      26) Jack      27) 635  
28) 4      29) 3920      30) 200      31) 486      32) 12      33) 13  
34) \$362      35) 18      36) \$140      37) 14      38) \$24      39) pen and file  
40) \$11.70

41)  $324 + 295 = 619$

$857 - 619 = 238$

There are 238 children

42)  $2812 + 564 = 3376$

$3376 + 2812 = 6188$

They collected 6188 bottle caps altogether

43)  $5 \times 24 = 120$

$120 \div 8 = 15$

She gave the muffins 15 friends

$$44) \$180 \div 2 = \$90$$

$$\$90 + \$50 = \$140$$

$$\$140 + \$180 = \$320$$

$$\$320 + \$90 = \$410$$

They three boys saved \$410 altogether.

$$45) 20 \times 6 = 120$$

$$120 + 6 = 126$$

$$126 \div 3 = 42$$

Each girl get 42 notebook.