# Nan Hua Primary School
## Mid-Year Examination 2006
### Mathematics
### Primary Three

Name: _____ (   )

Class: Pr 3 _____

Date: 9 May 2006

Duration: 1h 45min

Marks: [diagram] **100**

_____

Parent's Signature

## Section A (20 × 2 marks)

Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

1.  Nine thousand and ninety is the same as _____.

    (1)  9 009
    (2)  9 090
    (3)  9 900
    (4)  9 000                                    (        )

2.  In the number 4 705, the value of digit '7' is _____.

    (1)  7
    (2)  70
    (3)  700
    (4)  7 000                                    (        )

3.  9 000 + 56 + [   ] = 9 056

    (1)  0
    (2)  5
    (3)  6
    (4)  9                                        (        )

4. Which of the following is an **even** number?

    (1)    2 573
    (2)    3 752
    (3)    7 235
    (4)    5 237

    (     )

5. The sum of 1 001 and 101 is _____ .

    (1)    1 101
    (2)    1 110
    (3)    1 102
    (4)    1 201

    (     )

6. $5 + 5 + 5 + 5$ is the same as _____ .

    (1)    $5 \times 5$
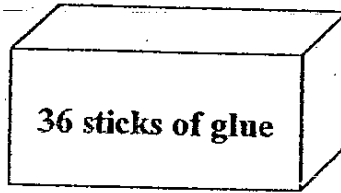    (2)    $5 + 5$
    (3)    $4 + 5$
    (4)    $4 \times 5$

    (     )

7. If $6 + 6 + 12 = 6$ $\boxed{?}$ $4$ , what is the operation ?

    (1)    $+$
    (2)    $-$
    (3)    $\times$
    (4)    $\div$

    (     )

8.

**36 sticks of glue**

There are 36 sticks of glue in the box above. How many sticks of glue are there in <u>3 such boxes</u>?

(1)    12
(2)    36
(3)    75
(4)    108

             (     )

9.      In $811 \div 9$ , the quotient is _____ .

(1)    1
(2)    9
(3)    90
(4)    91

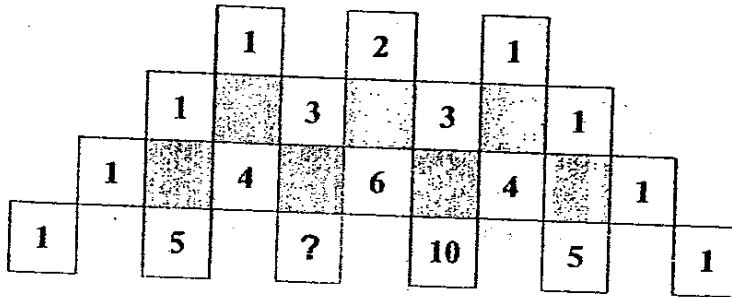             (     )

10.    One hundred and twenty dollars and three cents written in dollars and cents is _____

(1)  $ 120. 03
(2)  $ 120. 30
(3)  $ 1 200.30
(4)  $ 1 200.03

             (     )

3

11. Study the number pattern and fill in the missing number in the diagram below.

|   | 1 |   | 2 |   | 1 |   |
| 1 |   | 3 |   | 3 |   | 1 |
| 1 |   | 4 |   | 6 |   | 4 |   | 1 |
| 1 |   | 5 |   | ? |   | 10 |   | 5 |   | 1 |

(1)  10
(2)  9
(3)  7
(4)  5

(　　)

12. Mrs Lim has $60. Mrs Chang has 6 times as much money as Mrs Lim. How much money do they have altogether?

(1)  $10
(2)  $66
(3)  $360
(4)  $420

(　　)

13. If you divide 91 by 8, you would get a remainder. What is the remainder?
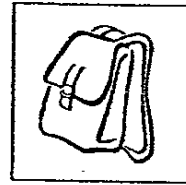
(1)  11
(2)  2
(3)  3
(4)  83

(　　)

4

14. The difference between **90 tens** and **6 thousands** is _____.

    (1)  84
    (2)  501
    (3)  5 100
    (4)  5 910                      (    )

15.

**A pair of shoes costs $9**          **A bag costs $18**

Mary had $108. She bought <u>a few pairs of shoes</u> and <u>a bag</u>. If she used up **all** her money to buy the shoes and the bag, how many **pairs of shoes** would she buy?

    (1)    81
    (2)    27
    (3)    12
    (4)    10

                              (    )

16. Some girls won a $66 cash prize. Each girl would get $6 if they shared the cash equally among themselves. How many girls won the cash prize?

    (1)    11
    (2)    60
    (3)    72
    (4)    396

                              (    )

17. Which one of the following amount of money is the least?

    (1) 2 one-dollar notes
    (2) 30 ten-cent coins
    (3) 5 fifty-cent coins
    (4) 6 twenty-cent coins

                                                                    (     )

18. Which one of the following numbers can be divided by 6 without leaving any remainder?

    (1) 74
    (2) 99
    (3) 166
    (4) 192

                                                                    (     )

19. John has 50 marbles. He has 20 more marbles than Thomas. How many marbles do they have altogether?

    (1) 120
    (2) 80
    (3) 70
    (4) 30

                                                                    (     )

20. Kim needs to score 3 000 points to win a computer game. If she has scored 2 466 points, how many more points does she need to score?

    (1) 644
    (2) 634
    (3) 544
    (4) 534

                                                                    (     )

21. Arrange the following numbers from the **largest** to the **smallest**.

3 214 ,    2 143 ,    3 241 ,    2 413

```
_____ , _____ , _____ , _____
```

22. Abel, Benny and Christopher have 180 stamps altogether. Abel has 40 stamps and Benny has 53 stamps. How many stamps does Christopher have?
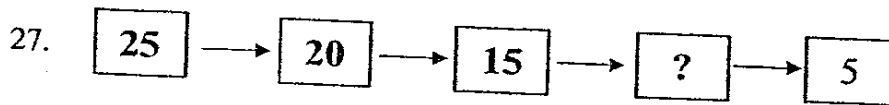
☐ stamps

23. If ♡ × ♡ = 49 , what is the value of ♡ ?    ☐

24. Gopal has 4 fifty-cent coins, 2 twenty-cent coins and 4 ten-cent coins in his pocket. What is the total amount of money in his pocket ?

$ ☐

7

7

25. How many **tens** are there in 200?

26. The product of two numbers is 35. If one of the numbers is 5, what is the other number?

27. 25 → 20 → 15 → ? → 5

What is the missing number in the above number pattern?

28. 7 similar books cost $70. How much will 10 such books cost?

$

29. How many **fours** are there in 28 ?

30. Peter has 65 egg tarts. He wants to put them into boxes.
If each box can only hold 9 egg tarts, what is the least number of boxes
he will need to store **all** the egg tarts?

$$\boxed{\phantom{xxxxx}}\ \text{boxes}$$

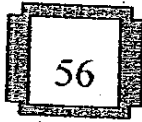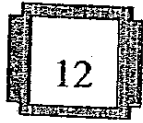31. If $8 \times 8 = 80 - \boxed{\ ?\ }$ , what is the missing number in the box?

$$\boxed{\phantom{xxxxxxx}}$$

32. Michael and Jenny bought 3 rulers **each**. If each ruler cost 15 cents,
how much must they pay altogether ?

$$\boxed{\phantom{xxxxxxx}}\ \text{¢}$$

33. $5\,000 + 30 + 8 = \underline{\hspace{3cm}}$ .

What is the answer for the above?

$$\boxed{\phantom{xxxxxxx}}$$

34.

| 12 | 56 | 65 | 26 |

Which **two** numbers when added together will give you the **smallest odd** number?

[          ] and [          ]

35. If each girl has 6 dolls, how many dolls would 6 girls have altogether?

[          ] dolls

36.

$$\star + \star + \pentagon = 200$$

$$\pentagon + \star = 156$$

What is the value of $\star$ ?

[          ]

37. Henry divided his marbles equally into 3 bags and had 2 marbles left. There were 27 marbles in each bag. How many marbles did he have altogether?

$\boxed{\phantom{xxxxxxx}}$ marbles

38. Ali and Ahmad shared 84 stickers equally. How many stickers would each boy get?

$\boxed{\phantom{xxxxxxx}}$ stickers

39. Mrs Mary had $34. She lost $7. She divided the rest of the money equally among 3 boys. How much money did each boy get?

$ $\boxed{\phantom{xxxxxxx}}$

40. In a factory, there are 2 090 workers. 590 of them are female workers and the rest are male workers. How many **more** male workers than female workers are there?

$\boxed{\phantom{xxxxxxx}}$ more

## Section C: (4 × 5 marks)
**Answer all the questions. All number statements, sentences and workings must be clearly shown.**

41.  Samy has $3 090. Kelly has $1 050 less than Samy.
     How much money do they have altogether ?

42.  Ahmad bought a T-shirt at $23 and a pair of pants at $48.
     He gave the cashier $100. How much change did he receive ?

43. Rahim sold 120 pears. He threw away 27 rotten pears. There were still 200 pears left in the stall. How many pears did he have <u>at first</u> ?

44. There were 4 men and 4 women in a shop. They carried 136 boxes of oranges altogether. If each person carried the same number of boxes of oranges, how many boxes of oranges did <u>**two people**</u> carry?

45. 3 boys went to a garden to pluck rambutans. They collected 36 rambutans in the first basket. The second basket contained <u>24 more</u> rambutans than the first one. If the 3 boys were to share all the rambutans equally, how many rambutans would each boy get?

End--of--Paper

Have you checked your work?

# Answer Sheets

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1) | **2** | 2) | **3** | 3) | **1** | 4) | **2** | 5) | **3** |
| 6) | **4** | 7) | **3** | 8) | **4** | 9) | **3** | 10) | **1** |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 11) | **1** | 12) | **4** | 13) | **3** | 14) | **3** | 15) | **4** |
| 16) | **1** | 17) | **4** | 18) | **4** | 19) | **2** | 20) | **4** |

21. 3241, 3214, 2413, 2143

22. $40 + 53 = 93$ stamps
Christopher $= 80 - 93 = $ **87 stamps**

23. $\underline{7} \times 7 = 49$

$\heartsuit = 7$

24. $4 \times 0.50¢ = \$2.00$
$2 \times 0.20¢ = \$0.40¢$
$4 \times 0.10¢ = \$0.40¢$
Total $= \$(2.00 + 0.0 + 0.40)$
$= \$2.80$

25. $200 \div 10 = \underline{\textbf{20}}$ tens

26. $35 \div 5 = 7$

27. $25 \longrightarrow 20 \longrightarrow 15 \longrightarrow 10 \longrightarrow 5$
$? = 10$

28. 7 books $= \$70.00$
1 book $= \$10.00$
10 books $= 10 \times \$10$
$= \$100.00$

29. $28 \div 4 = 7$

30. $65 \div 9 = 8$ boxes

31. $8 \times 8 = 80 - \underline{\textbf{16}}$
$64 = 64$

32. $3 + 3 = 6$ rulers
$0.15¢ \times 6 = 0.90¢$

33. $5000 + 30 + 8 = 5038$

34. 65 and 12

35. 1 girls $= 6$ dolls
6 girls $= 6 \times 6$
$= 36$ dolls

36. $200 - 156 = 44$

37. $27 \times 3 = 81 + 2$
$= 83$ marbles

38. $84 \div 2 = 42$ stickers each.

39. $\$34 - \$7 = \$27$
$= \$27 \div 3$
$= \$9.00$

40. $2090 - 590 = 1500$ (Male)
$1500 - 590 = 910$ more male workers.

41. Samy     = $3090
    Kelly    = $(3090 − 1050)
             = $2040
             = $(2040 + 3090)
             = $5130.00
    They have **$5130** altogether.


42. $( 23 + 48) = $71.00
    $(100 − 71) = $29.00

    He received **$29.00** change


43. 120 +  27 = 147 pears
    147 + 200 = 347 pears

    He has **347** pears at first.


44. 136 ÷ 8 = 17
    17 x 2 = 34 boxes

    2 people carried **34 boxes** of oranges.


45. 36 + 24 = 60 rambutans
    60 + 36 = 96 rambutans
    96 ÷ 3 = 32 rambutans

    Each boy gets **32 rambutans**.