



NAN HUA PRIMARY SCHOOL  
CONTINUAL ASSESSMENT 2 - 2007  
PRIMARY 4

MATHEMATICS  
(BOOKLET A)



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

Class: Pr. 4 \_\_\_\_\_

Date: 21 August 2007

Booklet A	/ 34
Booklet B	/ 66
TOTAL	/ 100

Parent's Signature & Date

Total Time for booklets A and B: 1 hour 45 min

INSTRUCTION TO CANDIDATES

1. Write your Index Number in the brackets provided.
2. Do not turn over the page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.

## Section A: Multiple-Choice Questions (17 × 2 marks)

Of the 4 options given, only one is correct. Choose the correct answer and write its number (1, 2, 3 or 4) in the brackets provided.

1) In 31 425, the digit '4' stands for \_\_\_\_\_.

- 1) 40 000
- 2) 4 000
- 3) 400
- 4) 40

( )

2) The common factors of 30 and 36 are \_\_\_\_\_.

- 1) 1, 2, 3, 4
- 2) 1, 2, 3, 5
- 3) 1, 2, 3, 6
- 4) 1, 2, 3, 7

( )

3) Which one of the following has the largest value?

- 1) 9.09
- 2) 9.19
- 3) 9.3
- 4) 9.28

( )

4) There are \_\_\_\_\_ halves in  $6\frac{1}{2}$ .

- 1) 15
- 2) 13
- 3) 11
- 4) 9

( )

5) Find  $7.36 \div 4$

- 1) 0.184
- 2) 1.84
- 3) 18.4
- 4)  $184 \times$

( )

6)  $8 \text{ tenths} \div 2 = \underline{\hspace{2cm}}$  tenths

- 1) 16
- 2) 2
- 3) 8
- 4) 4

( )

7) How many **tenths** are there in 6.3 ?

- 1) 0.3
- 2) 0.6
- 3) 60
- 4) 63

( )

8) Subtract 1.75 from 3.24 is                     .

- 1) 1.49
- 2) 14.9
- 3) 2.49
- 4) 2.51

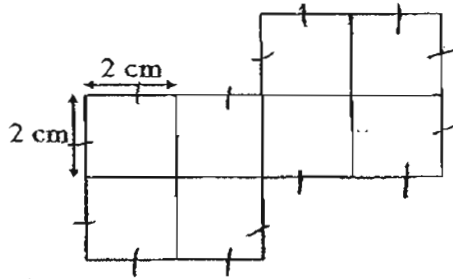
( )

9) The perimeter of a square is 14.16 cm. Find the **length** of each side of the square.

- 1) 0.354 cm
- 2) 3.54 cm
- 3) 7.08 cm
- 4) 56.54 cm

( )

- 10) The figure below, not drawn to scale, is made up of 2-cm by 2-cm squares.  
Find its perimeter.



- 1) 46 cm  
2) 30 cm  
3) 28 cm  
4) 14 cm
- ( )
- 11) Express  $\frac{7}{25}$  as a decimal.

- 1) 0.28  
2) 2.8  
3) 7.25  
4) 25.7
- ( )

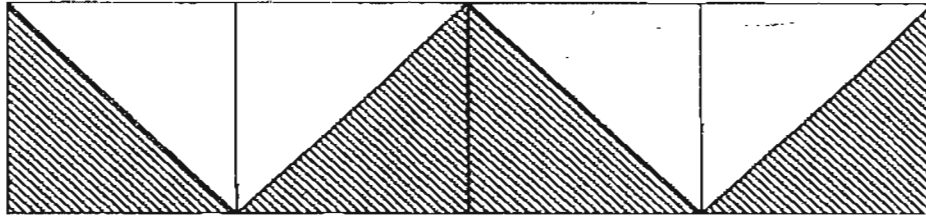
12)  $10 + \frac{2}{5} + \frac{1}{50} = \square$

- 1) 10.42  
2) 10.21  
3) 12.4  
4) 12.1
- ( )

- 13) There are 840 cookies altogether in 2 boxes.  
In each box, there is an equal number of packets of cookies.  
If each packet contains 6 cookies, how many packets are there in each box?

- 1) 420  
2) 140  
3) 105  
4) 70
- ( )

14) What fraction of the figure is shaded?



1)  $\frac{1}{8}$

2)  $\frac{1}{4}$

3)  $\frac{1}{3}$

4)  $\frac{1}{2}$

( )

15) A dining table set consists of 5 chairs and a table. Each chair costs \$ 150 and the table costs \$410. What is the total cost of the whole set?

1) \$ 560

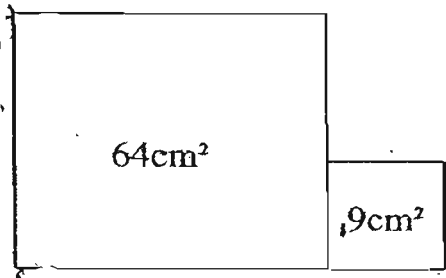
2) \$ 750

3) \$1 160

4) \$2 800

( )

- 16) The figure, not drawn to scale, is made up of two squares.  
Find the **perimeter** of the figure.



- 1) 11 cm
- 2) 24 cm
- 3) 38 cm
- 4) 44 cm

( )

- 17) Wei Xuan spent \$20.70 at the book fair. He spent thrice as much as Yanyu.  
How much did **both** of them spend altogether?

- 1) \$ 6.90
- 2) \$ 27.60
- 3) \$ 41.40
- 4) \$ 82.80

( )

Nan Hua Primary School  
Continual Assessment 2 - 2007  
BOOKLET B

Name: \_\_\_\_\_ ( )      Class: Pr. 4 \_\_\_\_\_      Marks: \_\_\_\_\_ / 66

**Section B: Mental Sums (6 × 1 mark)**

Listen carefully and write down the answers in the blanks provided.

18) \_\_\_\_\_

19) \_\_\_\_\_

20) \_\_\_\_\_

21) \_\_\_\_\_

22) \_\_\_\_\_

\_\_\_\_\_ pairs

23) \_\_\_\_\_

## Section C: Open-ended Questions (20 × 2 marks)

Write out the correct answers for the following questions in the boxes provided.

Give your answers in the units stated.

- 24) What is the value of  $25.36 + 12.72$  ?

- 25) Ariel has  $1.53 \ell$  of blue paint. She has 7 times as much red paint as blue paint.  
How much red paint does she have? (Round off your answer to 1 decimal place.)

- 26) Arrange the decimals in **increasing** order.

7.608,      7.068,      7.086,      7.806

- 27) Miss Goh has \$5. She has 4 times as much money as Mdm Lee.  
How much **more** money does Miss Goh have than Mdm Lee?

 \$



28)  $98.22 = 90 + 8 + \frac{1}{\boxed{\phantom{00}}} + \frac{2}{100}$

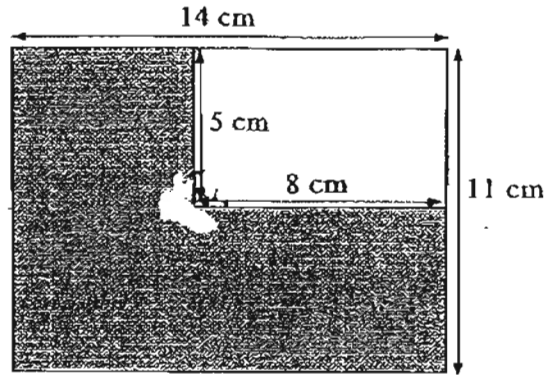
The missing number in the box is

29) What is 1.05 less than 5.5?

30) Harold, Joshua and Cindy each bought 5 eggs at the market. Some of their eggs cracked on their way home. Harold has 1 egg more than Joshua. Joshua has 3 eggs less than Cindy. If Cindy's eggs did not crack at all, how many eggs does Harold have now?

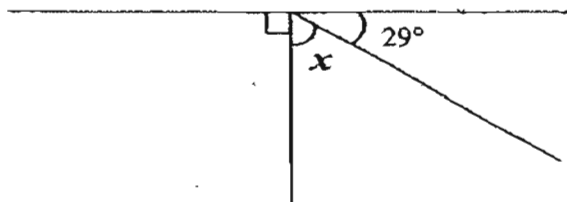
31) Lily and Shan shared \$50. Lily's share was \$10 more than Shan's share. How much did Lily receive?

- 32) Find the area of the shaded part of the rectangle below.  
 (The figure is not drawn to scale.)




- 33) In  $4\frac{1}{3} = \frac{13}{3} = \frac{\square}{9}$ , what is the missing number in the box?

- 34) The figure below is not drawn to scale. Find  $\angle x$ .



- 35) Daniel spent  $\frac{1}{3}$  of the day in school. He spent  $\frac{1}{6}$  of the day at the child-care centre and the rest of the day at home. What fraction of the day did he spend at home?  
Give your answer in its simplest form.

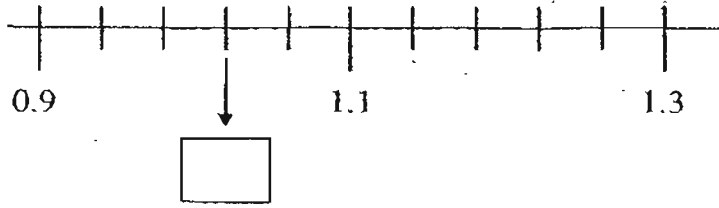
- 36) Find the difference between 57.1 and 23.89.  
Round off your answer to the nearest tenth.

- 37) Darryl bought 6 chocolate cakes. Each chocolate cake cost \$8.55.  
How much did Darryl give the cashier if he received \$3.70 change?

- 38) Mrs Lee used  $6\frac{1}{2}$  of petrol last week and  $4\frac{3}{4}$   $\ell$  this week.  
How much more petrol did she use last week?

- 39) 16 children contributed \$8 each to buy a birthday present for their friend.  
After buying the birthday present, they were left with \$19. What was the cost of the birthday present?

40) Fill in the missing number.

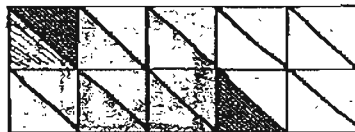


41) Apples are sold at 3 for \$0.85. How much did Jonathan pay if he bought 2 dozens of such apples?

42) Look at the clues below and guess the number.

- a) It is a 3-digit number.
- b) The sum of its digits is 16.
- c) It is 580 when rounded off to the nearest ten.

43) In the figure below, 2 triangles are shaded. How many more similar triangles must be shaded so that  $\frac{3}{5}$  of the figure is shaded?



# STAR ZEST HOME TUITION TEL 63845607

## Section D: Problem Sums (5 × 4 marks)

Answer all questions. All number sentences, statements and workings and units must be clearly stated.

- 44) A newspaper vendor had 6 000 copies of newspaper. He delivered 45 copies of newspapers to each of the 128 shops. How many copies of newspapers had he left ?

- 45) There are 8 basketballs and 5 soccer balls in the PE store room. Each basketball has a mass of 0.75 kg and each soccer ball has a mass of 0.65 kg. What is the total mass of the balls?

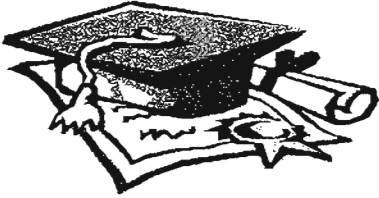
- 46) Kereen has 100 red and blue marbles. After giving away 36 red ones and buying 12 new blue marbles, she has equal numbers of red and blue marbles now. How many red marbles has she now?

- 47) A tank is  $\frac{3}{4}$  full of water. When another 200 ml of water is added into it, it is  $\frac{7}{8}$  full.  
How much water is in the tank when it is  $\frac{7}{8}$  full?

- 48) Wei Zhi's pocket money was \$11 and Ryan's was \$16.50. Ryan saved \$3.45 but Wei Zhi did not save any money. How much **more** money did Ryan spend than Wei Zhi?

**\*END OF PAPER\***

**Have you checked your work carefully?**



# ANSWER SHEET

NAN HUA PRIMARY SCHOOL - PRIMARY 4 MATHEMATICS 2007  
CONTINUAL ASSESSMENT (2)

- |                                      |  |                    |
|--------------------------------------|--|--------------------|
| 1. 3                                 | 31) \$30   | 38) $1\frac{3}{4}$ |
| 2. 3                                 | 32) $144\text{cm}^2$                                 | 39) \$109          |
| 3. 3                                 | 33) 39   | 40) 1.02           |
| 4. 2                                 | 34) $61^\circ$                                       | 41) \$6.80         |
| 5. 2                                 | 35) $\frac{1}{2}$                                    | 42) 583            |
| 6. 4                                 | 36) 33.2   | 43) 10 more        |
| 7. 4                                 | 37) \$75   |                    |
| 8. 1                                 |  |                    |
| 9. 2                                 | 44) $45 \times 128 = 5760$                           |                    |
| 10. 3                                | $6000 - 5760 = 240$                                  |                    |
| 11. 1                                | He had 240 copies of newspapers                      |                    |
| 12. 1                                | left.  |                    |
| 13. 4                                |  |                    |
| 14. 4                                | 45) $0.75\text{kg} \times 8 = 6\text{kg}$            |                    |
| 15. 3                                | $0.65\text{kg} \times 5 = 3.25\text{kg}$             |                    |
| 16. 3                                | $6\text{kg} + 3.25\text{kg} = 9.25\text{kg}$         |                    |
| 17. 3                                | The total mass of the balls is                       |                    |
| 18. 1200                             | 9.25kg.  |                    |
| 19. 499                              |  |                    |
| 20. 576                              | 46) $100 - 36 = 64$                                  |                    |
| 21. $17\frac{1}{3}$                  | $64 + 12 = 76$                                       |                    |
| 22. 2                                | $76 \div 2 = 38$                                     |                    |
| 23. 0.05                             | She had 38 red marble now.                           |                    |
| 24. 38.08                            |  |                    |
| 25. 10.7                             |  |                    |
| 26. 7.068, 7.086, 7.608, 7.806       |  |                    |
| 27. \$3.75                           | 47) $7/8 - \frac{3}{4} = 7/8 - \frac{3}{4} \times 2$ |                    |
| 28. 5                                | $= 7/8 - 6/8 = 1/8$                                  |                    |
| 29. 4.45                             | $1/8 = 200\text{ml}$                                 |                    |
| 30. 3 eggs                           | $7/8 = 200\text{ml} \times 7 = 1400\text{ml}$        |                    |
|                                      | 1400ml is in the tank                                |                    |
|                                      | When it is $7/8$ full.                               |                    |
| 48) $\$16.50 - \$3.45 = \$13.05$     |  |                    |
| $\$13.05 - \$11 = \$2.05$            |  |                    |
| Ryan spent \$2.05 more than Wei Zhi. |  |                    |