



NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1 – 2013
PRIMARY 5

MATHEMATICS

Paper 1

Section A: 15 Multiple Choice Questions (20 marks)

Section B: 15 Short Answer Questions (20 marks)

Total Time for Paper 1: 50 minutes

INSTRUCTION TO CANDIDATES

1. Write your name and index number 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 1-15.
6. You are not allowed to use calculator for Paper 1.

Marks Obtained

Paper 1	Booklet A		/ 40
	Booklet B		
Paper 2			/ 60
Total			/ 100

Name : _____ ()

Class : _____

Date : 1st March 2013

Parent's Signature : _____

Section A (20 marks)

Questions 1 to 10 carry 1 mark each. Questions to 11 to 15 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). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. In which one of the following is the digit '5' in the hundred thousands place?

- (1) 2 789 523
- (2) 3 205 612
- (3) 5 332 902
- (4) 7 514 667

2. How many thousands are there in 532 000?

- (1) 2
- (2) 32
- (3) 532
- (4) 5320

3. Which one of the following is 60 000 when rounded off to the nearest hundred?

- (1) 59 699
- (2) 59 950
- (3) 60 050
- (4) 60 499

4. $\frac{3}{8} - \frac{1}{4} = \square$

The missing fraction in the box is _____.

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

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

(3) $\frac{1}{2}$

(4) $\frac{3}{4}$

5. $253\ 751 = 200\ 000 + \square + 25\ 000 + 50 + 1$

(1) 2870

(2) 5120

(3) 28 700

(4) 51 200

6. Find the value of $28 \div 2 + 2 \times 6 - 5$.

(1) 16

(2) 21

(3) 37

(4) 91

7. How many sixths are there in $6\frac{1}{3}$?

(1) 18

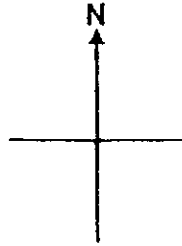
(2) 19

(3) 37

(4) 38

8. Christine is facing West. If she turns 225° clockwise, which direction would she face?

- (1) North-East
- (2) North-West
- (3) South-East
- (4) South-West



9. Write $3\frac{1}{25}$ as a decimal.

- (1) 3.01
- (2) 3.04
- (3) 3.25
- (4) 3.40

10. Joel had 90 watermelons. He sold $\frac{5}{6}$ of the watermelons. How many watermelons were left?

- (1) 15
- (2) 18
- (3) 45
- (4) 75

11. Eric is 8 years older than Lisa. Lisa is 10 years old now. What is their total age in 10 years' time?

(1) 18 years

(2) 28 years

(3) 38 years

(4) 48 years

12. Andy spent $\frac{1}{5}$ of his money on a pen and $\frac{2}{3}$ on a story book. What fraction of his money had he left?

(1) $\frac{7}{8}$

(2) $\frac{5}{7}$

(3) $\frac{2}{15}$

(4) $\frac{3}{15}$

13. Express 0.6 hour in minutes.

(1) 36 min

(2) 60 min

(3) 216 min

(4) 360 min

14. John has twice the number of apples that Sam has. Amy has thrice as many apples as John. What fraction of the total number of apples belongs to Sam?

(1) $\frac{1}{9}$

(2) $\frac{2}{9}$

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

(4) $\frac{2}{3}$

15. The total length of three pieces of wood is 9 m 50 cm. One piece is 2 m 70 cm long while the other two pieces have exactly the same length. What is the length of each of these two pieces of wood?

(1) 1 m 35 cm

(2) 3 m 40 cm

(3) 4 m 75 cm

(4) 6 m 80 cm

Questions 16 to 25 carry 1 mark each. Write your answers in the spaces provided.
For questions which require units, give your answers in the units stated. (10 marks)

16. $98\,532 = 900 \text{ hundreds} + \boxed{} \text{ tens} + 32 \text{ ones}$

What is the missing number in the box?

Ans : _____

17. What is the product of 400 and 5000?

Ans : _____

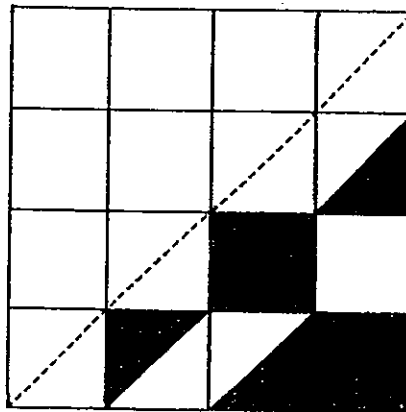
18. The difference between 2 numbers is 140. If one number is thrice the other number, what is the bigger number?

Ans : _____

23. Express 320 cm as a fraction of 8 m in its simplest form.

Ans : _____

24. In the figure below, the dotted line is a line of symmetry. Shade the squares and half squares required to make a symmetrical figure.



25. A movie lasted for 2 h 45 min. It ended at 01 15 the next day. What time did it start?

Ans : _____ p.m.

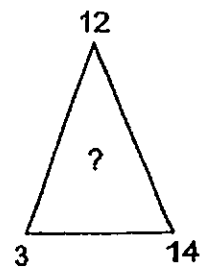
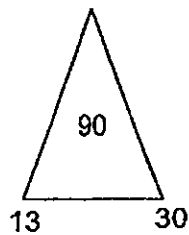
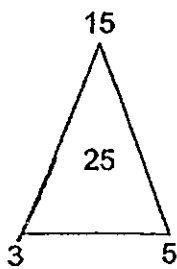
Section B (10 marks)

Questions 26 to 30 carry 2 marks each. Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

26. The sum of 7 consecutive numbers is 84. What is the biggest number?

Ans : _____

27. What is the number on the triangle?



Ans : _____

28. Jeremy has some stamps to give to his friends. If he gives each friend 2 stamps, Jeremy will have 6 stamps left. If he gives each friend 3 stamps, he will be short of 1 stamp. How many stamps does he have?

Ans : _____

29. Mrs Lim had a piece of cloth. She cut $\frac{3}{7}$ m away and used the remaining $\frac{5}{9}$ m to make an apron. Find the length of the original length of cloth.

Ans : _____ m

30. Gina and Mandy have \$600 altogether. If Gina gives $\frac{1}{6}$ of her money to Mandy, both will have the same amount of money. How much money does Gina have at first?

Ans : _____

END OF PAPER 1



**NAN HUA PRIMARY SCHOOL
CONTINUAL ASSESSMENT 1 – 2013
PRIMARY 5**

MATHEMATICS

Paper 2

Total Time for Paper 2: 1 hour 40 minutes

5 Short Answer Questions (10 marks)

13 Structured / Long Answer Questions (50 marks)

INSTRUCTION TO CANDIDATES

- 1. Write your name and index number 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 and show your workings clearly.**
- 5. You are allowed to use a calculator.**

Marks Obtained

Total		/ 60
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Name : _____ ()

Class : 5 _____

Date : 1st March 2013

Parent's Signature : _____

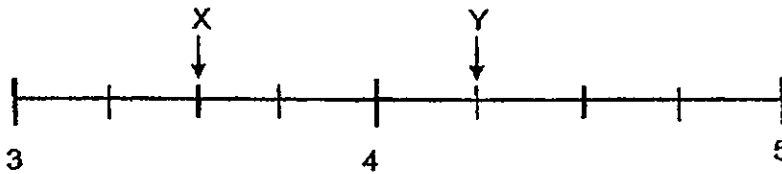
Questions 1 to 5 carry 2 marks each. (10 marks)

Show your working clearly in the space provided for each question and write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

1. For every \$ 4 saved by Charis, her mother gave her another \$ 2.
How much should Charis save if she wanted to have \$ 312?

Ans : \$ _____ [2 m]

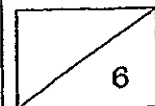
2. Study the number line below. Find the sum of X and Y and express your answer as a mixed number in the simplest form.



Ans : _____ [2 m]

3. Mrs Ravi sold 22 345 candy bars on Monday. She sold 7 982 candy bars more on Monday than on Sunday. How many candy bars did she sell on both days?

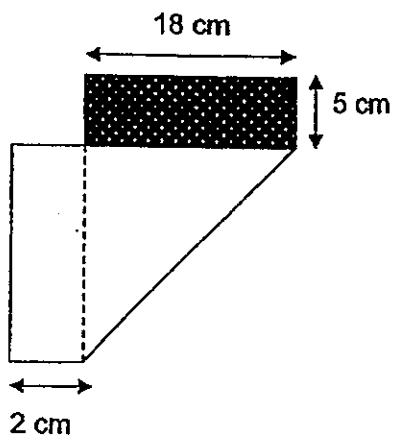
Ans : _____ Candy bars [2 m]



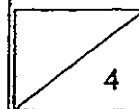
4. A basket can hold either 12 oranges or 4 durians. If there are already 6 oranges in the basket, how many more durians can be added into the basket?

Ans: _____ more durians [2 m]

5. A rectangular piece of paper is folded as shown below. Find the perimeter of the original rectangular piece of paper.



Ans: _____ cm [2 m]



For questions 6 to 18, show your working clearly in the space provided for each question 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. (50 marks)

6. The table below shows the rental charges for a chalet at Downtown West.

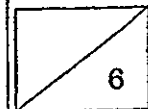
Monday – Thursday	\$88 per day
Friday – Sunday	\$125 per day

Jason rented a chalet from Tuesday to Saturday. How much rental charge did Jason pay in total?

Ans: _____ [3m]

7. Mary bought some red, blue and yellow flashing lights for her Christmas tree. The red light bulbs flash once every 10 seconds. The blue light bulbs flash once every 15 seconds and the yellow light bulbs flash once every 12 seconds. Given that all three coloured bulbs started flashing together for the first time at 9 a.m., what is the next time they will all flash together again?

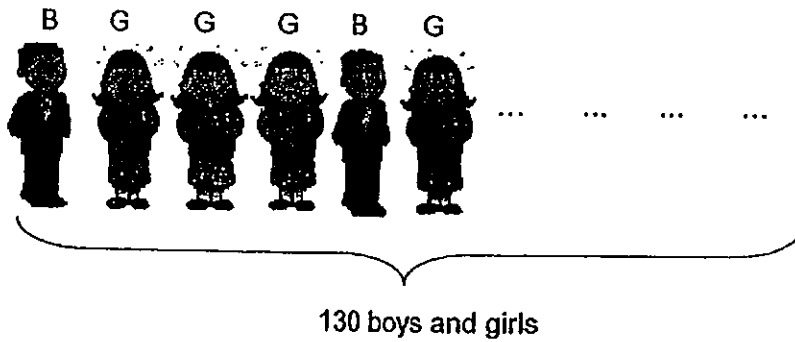
Ans: _____ [3 m]



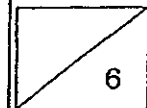
8. The age difference between Ronald and his father is 36 years. His father's age is 3 times of Ronald's age now. How old will Ronald be in 3 years' time?

Ans: _____ [3 m]

9. There are 130 boys and girls standing in a line. There are exactly 3 girls between 2 boys. What is the number of boys in the line?



Ans: _____ [3 m]

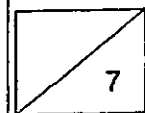


10. John is $\frac{1}{8}$ m shorter than Shane and Shane is $\frac{1}{4}$ m taller than Andrew.
If John's height is $1\frac{2}{3}$ m, what is the total height of the three boys?

Ans: _____ [3 m]

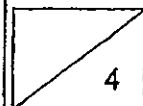
11. In a race, a frog tried to catch up with a rabbit which started 162 m ahead of the frog. For every 3.8 m jump that the frog made, the rabbit made a 0.8 m jump at the same time. How many jumps ^{would} ~~wo~~ the frog have to make in order to catch up with the rabbit?

Ans: _____ [4 m]



12. Naomi started spending her pocket money on Monday. On each day, she spent \$0.45 more than the amount spent the day before. ~~if she spent an average of \$3.60 daily from Monday to Friday, find the amount she spent on Monday.~~ ^{She spent a total of \$18}

Ans : _____ [4 m]



13. Figures A and B are made up of identical squares. If the perimeter of Figure A is 40 cm,

(a) find the area of Figure B.

(b) find the perimeter of Figure B.

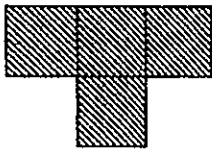


Figure A

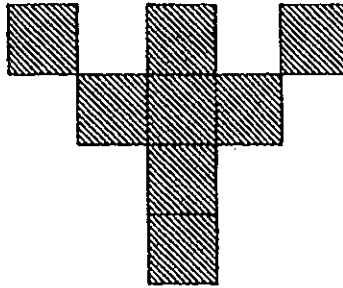
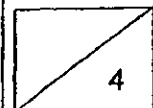


Figure B

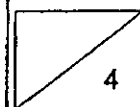
Ans : (a) _____ [2 m]

(b) _____ [2 m]



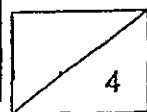
14. Andrew's fruit shop had a total of 295 apples and pears. He sold $\frac{1}{3}$ of the pears and bought another 50 apples. In the end, there was an equal number of apples and pears in the shop. How many more pears than apples were there in the shop at first?

Ans : _____ [4 m]



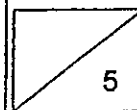
15. Mrs Seto received \$90 from the sale of 5 blouses, 3 scarves and 1 wallet. She sold 1 scarf and 1 wallet for \$29. She also sold 1 blouse and 1 scarf for \$17. How much did she sell one scarf for?

Ans : _____ [4 m]

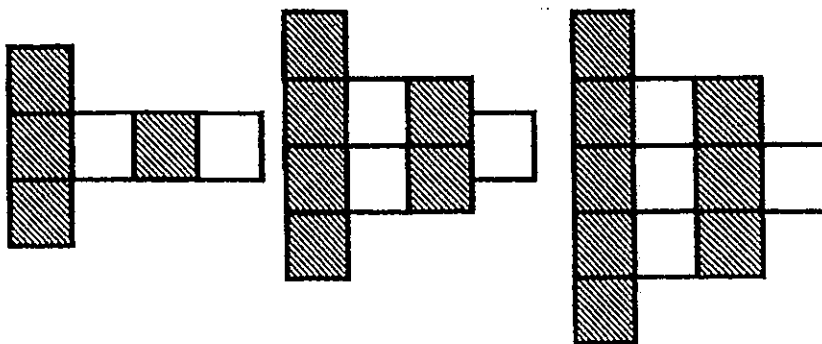


16. Angel bought 20 tables and chairs for \$ 372. She sold 4 chairs away. Then she had the same number of tables and chairs left. Each table cost \$ 9 more than each chair. How much did she pay for the tables?

Ans : _____ [5 m]



17. Alice sketched a pattern using grey and white squares as shown in the figure below.



Pattern 1

Pattern 2

Pattern 3

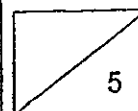
- (a) Complete the table below.

1	4	2	6
2	6	3	9
3	8	4	12
⋮	⋮	⋮	⋮
26	(a) _____ (1m)	27	81

- (b) What is the number of white squares in Pattern 30?
 (c) Which pattern number gives a total of 153 grey and white squares?

Answer : b) _____ [1 m]

c) _____ [3 m]



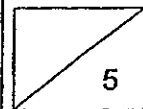
18. Ann, Bryan and Cindy collected the same number of toy cars. Cindy gave $\frac{1}{2}$ of her toy cars to Bryan. Then, Bryan gave $\frac{1}{2}$ of his toy cars to Ann. Finally, after Bryan gave 52 toy cars to Cindy, he had the same number of toy cars as Cindy.

(a) How many toy cars did Cindy have in the end?

(b) How many toy cars were collected altogether by the 3 children at first?

Answer : a) _____ [3 m]

b) _____ [2 m]



END OF PAPER 2

ANSWER SHEET

EXAM PAPER 2013

SCHOOL : NAN HUA PRIMARY SCHOOL

LEVEL : PRIMARY 5

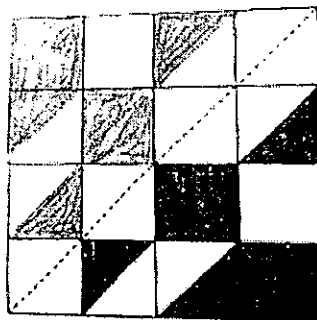
SUBJECT : MATHEMATICS

TERM : CA1

Booklet A

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

16. 850
17. 2 000 000
18. 210
19. 130
20. 160
21. $\frac{1}{2}$
22. 43
23. $\frac{2}{5}$
24. .
25. 10.30
26. 15
27. 56
28. 20
29. $\frac{62}{63}$
30. 360



Paper 2

1. $312 \div 6 = 52$
 $52 \times 4 = 208$

2. $\frac{1}{4} + 3\frac{1}{2} = 7\frac{3}{4}$

3. $22345 - 7982 = 14363$
 $14363 + 22345 = 36708$

4. 12:4
6:2

5. $18 + 5 + 2 = 25$
 $25 \times 2 = 50$

$$18 \times 2 = 36$$

$$50 + 36 = 86$$

6. $88 \times 3 + 2 \times 125 = 514$

7. $10 = 2 \times 5$

$$12 = 2 \times 2 \times 3$$

$$15 = 3 \times 5$$

$$2 \times 2 \times 3 \times 5 = 60s$$

$$60s = 1min$$

$$9.01am$$

8. $36 \div 2 = 18$

$$18 + 3 = 21$$

9. $130 \div 4 = 32R2$

$$32 + 1 = 33boys$$

10.

$$1\frac{16}{24} + \frac{3}{24} = 1\frac{19}{24} \quad 1\frac{19}{24} - \frac{6}{24} = 1\frac{13}{24}$$

$$1\frac{13}{24} + 1\frac{19}{24} + 1\frac{16}{24} = 5$$

11. $3.8 - 0.8 = 3$

$$162 \div 3 = 54$$

12. $0.45 \times 10 = 4.50$

$$18 - 4.50 = 13.50$$

$$13.50 \div 5 = 2.70$$

13. A. $40 \div 10 = 4$

$$4 \times 4 = 16$$

$$16 \times 8 = 128$$

B. $4 \times 22 = 88$

14. $295 + 50 = 345$

$$345 \div 5 = 69$$

$$69 + 50 = 119$$

15. $29 + 17 \times 2 = 63$

$$90 - 63 = 27$$

$$27 \div 3 = 9$$

$$17 - 9 = 8$$

16. $20 - 4 = 16$

$$16 \div 2 = 8$$

$$20 - 8 = 12$$

$$9 + 8 = 17$$

$$372 - 72 = 300$$

$$300 \div 20 = 15$$

$$15 + 9 = 24$$

$$24 + 8 = 32$$

17. A. $2 \times 27 = 54$

B. $31 + 1 = 31$

C. $153 \div 3 = 51$

$51 - 1 = 50$

18. A. $104 \times 2 + 52 = 260$

B. $104 \times 12 = 1248$

