



NAN HUA PRIMARY SCHOOL

PRIMARY THREE SEMESTRAL ASSESSMENT 1 – 2010

MATHEMATICS

Duration: 1 h 45 min

INSTRUCTIONS TO CANDIDATES

1. Write your name, register number and class in the blanks provided.
2. Do not turn over this page until you are told to do so.
3. Follow all instructions carefully.
4. Answer all questions.
5. Write your answers in this booklet.

Marks Obtained

| | | |
|---------------------------|--|--------------|
| Section A: | | / 40 |
| Section B & C: | | / 60 |
| Total Marks | | / 100 |

Name: _____)

Class: P3 _____

Date: 13 May 2010

Parent's signature: _____

Section A (40 marks)

Questions 1 to 20 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 correct oval on the Optical Answer Sheet (OAS).

1. Six thousand and eighty written in numeral is _____.

(1) 608

(2) 680

(3) 6 080

(4) 6 800

()

2. What is the value of the digit '7' in 3 768 ?

(1) 7

(2) 70

(3) 700

(4) 7 000

()

3. Which of the following is the **greatest odd number** ?

(1) 3 185

(2) 4 996

(3) 2 899

(4) 5 940

()

4. The number between 1 699 and 1 701 is _____.

(1) 1 702

(2) 1 700

(3) 1 698

(4) 1 689

()

5. The value of 3 303 is the same as _____.

(1) 3 000 + 3 + 3

(2) 3 000 + 30 + 3

(3) 3 000 + 33 + 3

(4) 3 000 + 300 + 3

()

6. The number that is 100 less than 3 098 is _____.

(1) 4 098

(2) 3 198

(3) 2 998

(4) 2 098

()

7. How many **hundreds** are there in 9 000 ?

(1) 9

(2) 90

(3) 900

(4) 9 000

()

8. Sixty dollars and five cents is the same as _____.

(1) \$16.05

(2) \$16.50

(3) \$60.05

(4) \$60.50

()

9. Find the sum of 3 097 and 1 906 .

(1) 1 191

(2) 2 191

(3) 4 003

(4) 5 003

()

10. 8 ten-cent and 3 fifty-cent coins add up to _____.

(1) \$3.80

(2) \$2.30

(3) \$1.10

(4) \$0.60

()

11. The difference between 2 numbers is 14.

The bigger number is 72.

What is the smaller number ?

(1) 86

(2) 60

(3) 56

(4) 58

()

12. What is the product of 112 and 5 ?

- (1) 550
- (2) 560
- (3) 660
- (4) 650

()

13. Which of the following shows the value of 8 **sevens** ?

- (1) $7 + 7 + 7 + 7 + 7 + 7 + 7 + 7$
- (2) $7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7 \times 7$
- (3) $8 + 8 + 8 + 8 + 8 + 8 + 8 + 8$
- (4) $8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$

()

14. $3 \times 6 \times 4 = \underline{\hspace{2cm}} \times 4$

What is the missing number ?

- (1) 12
- (2) 18
- (3) 24
- (4) 72

()

15. When a number is divided by 4, the quotient is 6 with remainder 1.
Which of the following number statement is correct ?

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

()

16. There are some coins on the table. Joan took some of them and put them in her purse. Which of the following is **not** likely to be the amount of money in her purse?



- (1) \$1.00
- (2) \$1.20
- (3) \$0.90
- (4) \$0.85

()

17. Siti packed 28 cupcakes equally into 7 boxes.
How many cupcakes are there in 4 such boxes ?

- (1) 112
- (2) 56
- (3) 16
- (4) 4

()

18. Billy paid a total of \$148 for 2 similar watches and 1 teddy bear.
A teddy bear cost \$60. How much did each watch cost?

- (1) \$356
- (2) \$208
- (3) \$88
- (4) \$44

()

19. Kumar shared 24 apples equally with 3 of his friends.
How many apples did each child get ?

(1) 6

(2) 8

(3) 72

(4) 96

()

20. There were 9 rows of 24 chairs in the school hall. Mr Chan rearranged them into rows of 6. How many rows of chairs did Mr Chan rearrange them into?

(1) 222

(2) 216

(3) 36

(4) 16

()

Section B (40 marks)

Questions 21 to 40 carry 2 marks each. Show your workings clearly in the space provided for each question and write your answers in the boxes provided. For questions which require units, give your answers in the units stated.

21. Write 8 457 in words.

| |
|-------|
| <hr/> |
|-------|

22. Arrange the following in order beginning with the **greatest**.

| | | | |
|---------|---------|---------|-------|
| 5 642 , | 6 542 , | 5 624 , | 6 452 |
|---------|---------|---------|-------|

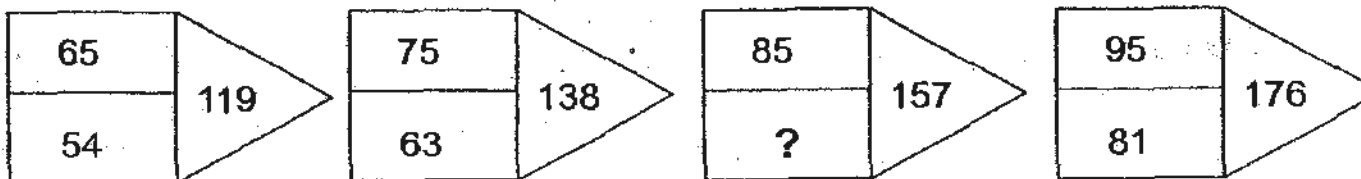


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23. In 8 450, the digit '5' is in the _____ place.

| |
|-------|
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24. Study the pattern below. What is the missing number?



| |
|-------|
| <hr/> |
|-------|

25. What is $126 \div 6$?

26. Form the smallest 4-digit even number using the digits given below.

(Use each digit once only)

1, 9, 8, 2

27. Given that

$$\heartsuit + \heartsuit + \heartsuit = 12 \quad \text{and}$$

$$\odot + \odot + \heartsuit = 20$$

What is the value of \odot ?

28. Helen had 485 beads. Helen had 20 more beads than Joy.
How many beads did the girls have altogether?

beads

29. A table has four legs and a stool has three legs.
Find the total number of legs for 5 tables and 2 stools in the library.

legs

30. Mrs Lee has 70 pupils in her class. She wants to give each pupil 3 pencils.
How many **more** pencils does she need to buy if she has only 11 pencils ?

more

31. The table below shows the number of 2-dollar and 5-dollar notes four pupils have in their wallets.

| | Number of \$2 notes | Number of \$5 notes |
|---------------|---------------------|---------------------|
| Lisa | 2 | 3 |
| Mingda | 6 | 4 |
| Kumar | 7 | 10 |
| Ali | 3 | 2 |

Mingda has twice as much money as _____.

32. Mrs. Tan needs to buy entrance tickets to an exhibition for her family. How much does she need to pay for the entrance tickets if there are 3 adults and 4 children?

| | Price per person |
|-------|------------------|
| Adult | \$5 |
| Child | \$2 |

\$

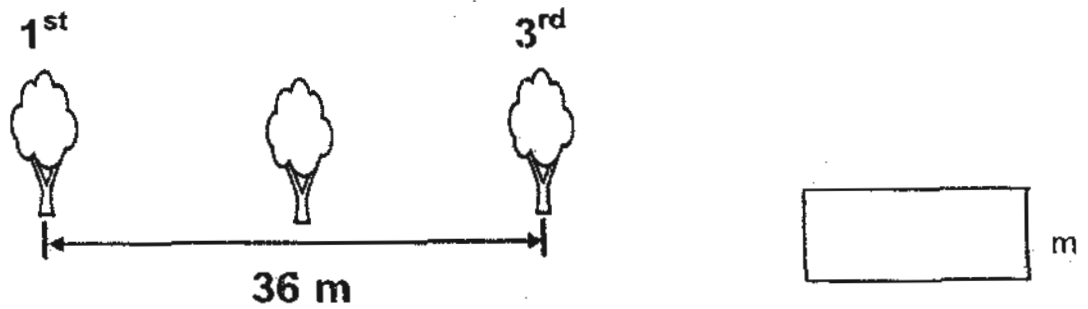
33. Mrs Lim bought 5 bags which cost \$8 each.
She gave the cashier \$100.
How much change would she receive?

\$

34. Larry has \$26 and Susie has \$46. How much must Susie give Larry so that each of them has the same amount of money?

\$

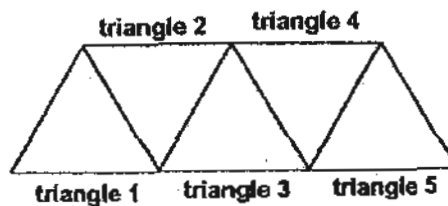
35. Some trees were placed at equal distances along a straight path in a park. The distance between the first tree and the third tree is 36 m. What is the distance between the 6th tree and the 10th tree?



36. Complete the number pattern.

1, 4, 9, 16, , 36, 49, 64, 81

37. 3 toothpicks are used to form triangle 1.
 5 toothpicks are used to form triangles 1 and 2.
 7 toothpicks are used to form triangles 1, 2 and 3.
 How many toothpicks must be used to form (a) triangle 1, 2, 3 and 4
 and (b) triangle 1, 2, 3, 4 and 5?



| Triangle | Number of toothpicks used |
|----------------------|---------------------------|
| 1 | 3 |
| 1 and 2 | 5 |
| 1, 2 and 3 | 7 |
| (a) 1, 2, 3 and 4 | ? |
| (b) 1, 2, 3, 4 and 5 | ? |

a)

b)

38. 78 passengers alighted from the train at MRT station A.
Then, 110 passengers boarded the train at MRT station B.
If there are 200 passengers in the train now, how many passengers were in
the train at first?

passengers

39. For every customer who bought 10 files, Kate gave them 2 stamps free.
Kate gave away 16 stamps at the end of the day.
How many files did she sell?



Buy 10 files and
get 2 stamps free

files

40. Drollly Doughnut baked 42 doughnuts. They packed 27 doughnuts into
boxes of 9 and the rest into boxes of 5. How many boxes of doughnuts did
they pack in all?

boxes

Section C (20 marks)

Question 41 to 45 carry 4 marks each. Show the workings clearly in the space provided below each question and write your answers in the space provided.

41. Sally has 160 phonecards.

Daniel has thrice as many phonecards as Sally.

How many **more** phonecards does Daniel have than Sally?

42. Huiqi sold a total of 385 funfair tickets. She sold 155 more tickets than Raja. How many tickets did they sell altogether?

43. Alice has \$928. Benedict has \$120 less than Alice but \$48 more than Carl.
- How much money does Benedict have?
 - How much money does Carl have?

44. Alan had 240 stickers. He gave 132 stickers to his cousin.
He wanted to arrange the remaining stickers equally into 6 sticker albums ,
how many stickers should he put into each album?

45. Simin bought a box of apples. She gave 23 apples to each of her 5 good friends, threw away 12 rotten apples and had 20 apples left. How many apples were there in the box at first ?

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ANSWER SHEET

EXAM PAPER 2010

SCHOOL : NAN HUA PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SEMESTRAL ASSESSMENT 1

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

| | | |
|-----|-----|-----|
| Q18 | Q19 | Q20 |
| 4 | 1 | 3 |

Q21) Eight thousand, four hundred and fifty-seven.

Q22) 6542,6452,5642,5624

Q23) tens Q24) 72 Q25) 21 Q26) 1298 Q27) 8 Q28) 950

Q29) 26 Q30) 199 Q31) Ali Q32) \$23

Q33) \$60 Q34) \$10 Q35) 72 Q36) 25 Q37) a-9, b-11

Q38) 168 Q39) 80 Q40) 6

| | |
|--|---|
| <p>Q41) $160 \times 3 = 480$ $480 - 160 = 320$ Daniel have 320 more phonecards than Sally.</p> | <p>Q42) $385 - 155 = 230$ $385 + 230 = 615$ They sold 615 tickets in all.</p> |
| <p>Q43a) $\\$928 - \\$120 = \\$808$ Benedict has \$808. b) $\\$808 - \\$48 = \\$760$ Carl has \$760.</p> | <p>Q44) $240 - 132 = 108$ $108 \div 6 = 18$ He should put 18 stickers into each album.</p> |
| <p>Q45) $20 + 12 = 32$ $23 \times 5 = 115$ $115 + 32 = 147$ There were 147 apples in the box at first.</p> | |