



NAN HUA PRIMARY SCHOOL
SEMESTRAL ASSESSMENT 1 – 2014
PRIMARY THREE
MATHEMATICS

Duration: 1 h 45 min

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 - 15.
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Marks Obtained

Section A		/ 30
Section B		/ 30
Section C		/ 20
Total		/ 80

Name : _____ ()

Class : Pr 3 _____

Date : 12 May 2014

Parent's Signature : _____

Section A : Multiple-Choice Questions (30 marks)

Questions 1 to 15 carry 2 marks each. 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).

1. In which of the following does the digit '8' have the **greatest** value ?

- (1) 3 815
- (2) 8 153
- (3) 5 381
- (4) 1 538

()

2. The value of 5 603 is the same as _____.

- (1) 500 + 60 + 3
- (2) 500 + 600 + 3
- (3) 5000 + 60 + 3
- (4) 5000 + 600 + 3

()

3. What is the **sum** of 4 thousands, 5 tens and 12 ones ?

- (1) 4 017
- (2) 4 062
- (3) 4 170
- (4) 4 512

()

4. Which of the following set of numbers is arranged from the largest to the smallest value ?

- (1) 9 102, 9 012, 9 120
- (2) 9 120, 9 102, 9 012
- (3) 9 120, 9 012, 9 102
- (4) 9 012, 9 102, 9 120

()

5. 85 tens more than 8 650 is _____.

- (1) 7 800
- (2) 8 565
- (3) 8 735
- (4) 9 500

()

6. 3 006 is _____ more than 1 274.

- (1) 1 732
- (2) 1 832
- (3) 2 272
- (4) 4 280

()

7. If $8 \times 9 = \square \times 9 + 9 + 9$ what is the missing number in the box ?

- (1) 5
- (2) 6
- (3) 45
- (4) 54

()

8. Yoona had 720 pies at her bakery shop.
After selling some pies, she had 250 pies left.
How many pies did she sell ?

- (1) 470
- (2) 530
- (3) 570
- (4) 970

()

9. When a number is divided by 8, it gives a quotient of 24 and a remainder of 7.
What is the number ?

- (1) 176
- (2) 179
- (3) 185
- (4) 199

()

10. What is the **product** of 66 and 3 ?

- (1) 22
- (2) 63
- (3) 69
- (4) 198

()

11. What is the sum of all the **odd** numbers between 10 and 20 ?

- (1) 15
- (2) 30
- (3) 60
- (4) 75

()

12. The difference between 2 numbers is 145.
If the smaller number is 65, what is the sum of the two numbers ?

- (1) 80
- (2) 210
- (3) 275
- (4) 355

()

13. 3×7 is the same as _____.

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

14. Reyes and Alicia share \$ 24 such that Reyes has \$ 4 more than Alicia.
What is Alicia's share ?

- (1) \$ 10
- (2) \$ 12
- (3) \$ 14
- (4) \$ 16 ()

15. Mr Chia wants to pack 49 erasers into some boxes. One such box can only contain 6 erasers. What is the least number of such boxes he needs to contain **all** the erasers ?

- (1) 1
- (2) 5
- (3) 8
- (4) 9 ()

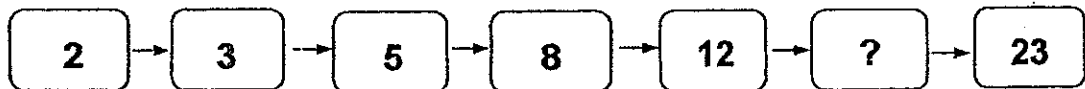
Section B : Short Answer Questions (30 marks)

Questions 16 to 25 carry 1 mark each. Questions 26 to 35 carry 2 marks each. 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.

16. Write 1 569 in **words**.

Ans:

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



Ans:

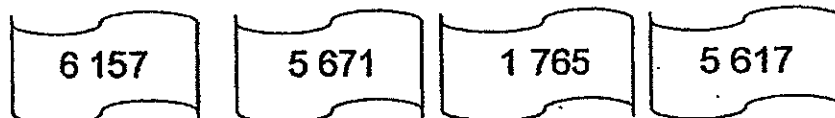
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18. In 3 076, the digit '7' stands for _____.

Ans:

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19. Arrange these numbers in order. Begin with the smallest number.



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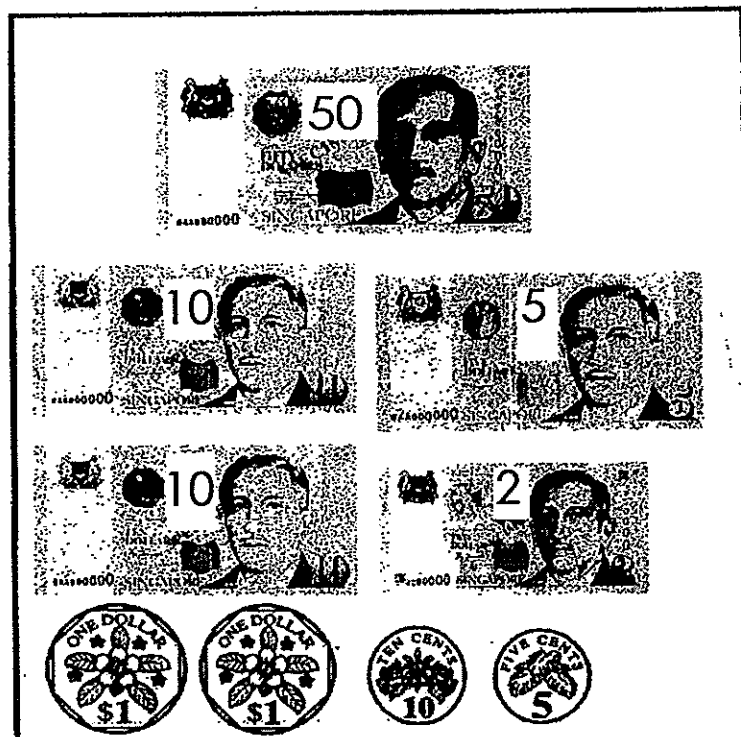
Smallest

20. What number must be added to 560 to make 865 ?

21. 947 cents = \$ _____

22. What is the **quotient** when 229 is divided by 9 ?

23.



What is the total amount of money shown above ?

24. \$ 2 = 100 cents + _____ twenty-cents coins

twenty-cent coins

25.

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

What is the missing number in the box ?

26. Read the following clues to find the number.

- (a) The number is an even number.
- (b) The value of digit '4' is 40.
- (c) The digit '6' is in the thousands place.
- (d) The digit in the thousands place is twice the digit in the hundreds place.
- (e) The digits in the ones place is 5 more than the digit in the hundreds place.

What number am I ?

27. A watch costs thrice as much as a blouse. The watch costs \$ 60.
How much do 2 such blouses cost ?

\$

28. Susan had 7 more seashells than Jack. After Susan gave Jack 2 seashells, Jack then had 8 seashells. How many seashells did Susan have **at first** ?

seashells

29.

$$\blacklozenge + \blacklozenge = 30$$

$$\odot + \blacklozenge = 23$$

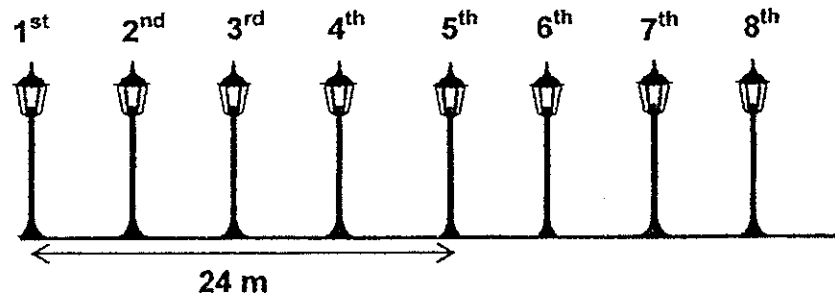
$$\odot + \odot = \boxed{?}$$

What is the missing number in the box ?

30. James has 5 coins in his piggy bank. The coins in his piggy bank are made up of fifty-cent and one-dollar coins. If he has a total savings of \$4 in his piggy bank, how many one-dollar coins are there ?

one-dollar coins

31. Some lamp posts were placed an equal distance from one another along a street. The distance between the 1st and 5th lamp posts was 24 m.
How far apart was the 3rd and 8th lamp posts ?



m

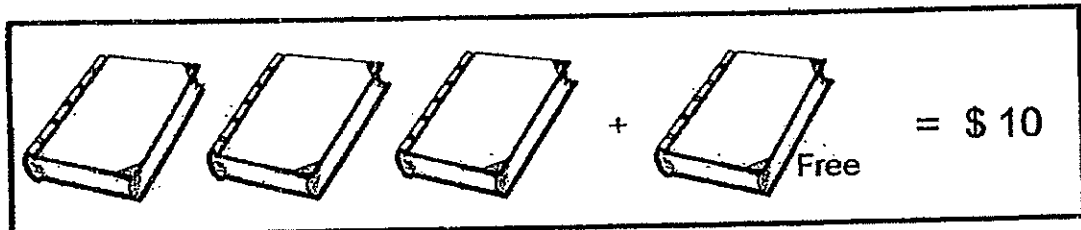
32. There are 6 boxes of sweets. In each box, there are 33 sweets.
Mandy wants to repack the sweets into packets of 5.
How many **complete** packets of 5 are there altogether ?

packets

33. There were 660 people at Singa School Charity Fair. 125 of them were men, 330 of them were women and the rest were children. How many children were there ?

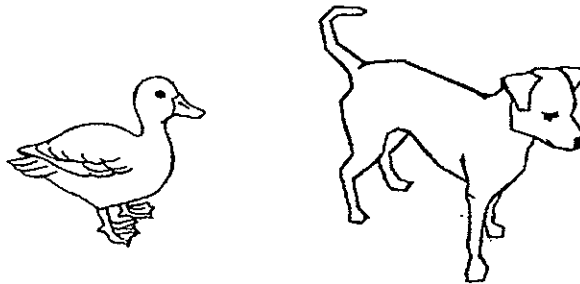
children

34. John went to the bookshop to buy some books. For every 3 books bought, he got 1 book free. If John received a total of 28 books, how much did he pay ?



\$

35. Samuel bought a total of 30 ducks and dogs. There were a total of 84 legs. How many ducks and how many dogs did he buy ?



	ducks	and	/	dogs
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Section C: (5 x 4 marks)

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

36. There were 1 240 balloons at a party.
 920 balloons were red and the rest were yellow.
 How many more red balloons than yellow balloons were there?
37. During the September holidays, 4 860 people visited the Healthy Lifestyle Exhibition. 2 280 of them were adults and the rest were children. If 1210 of them were boys, how many girls were there ?

38. Benson spent \$74 while Jayden spent \$120. The amount of money Benson had left was three times as much as the amount of money Jayden had left. If both of them had a combined total of \$590 at first, how much money did Jayden have left ?
39. Joy bought thrice as much coffee powder as Bala. Farah bought twice as much coffee powder as Bala. The 3 children bought 828 g of coffee powder. How much coffee powder did Joy ?

40. Adriel bought 5 packets of jellybeans. There were 12 jellybeans in each packet. He shared the jellybeans equally with 5 of his friends.
- (a) How many jellybeans did he buy altogether ?
 - (b) How many jellybeans did each of them get ?

End-of-paper

Year: 2014

Level: Primary 3

School: Nan Hua Primary School

Subject: Mathematics

Semester: SA1

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

Q16) One thousand, five hundred and sixty-nine

Q17) 17

Q18) 70

Q19) 1765, 5617, 5671, 6157

Q20) 305

Q21) \$9.47

Q22) 25

Q23) \$79.15

Q24) 5

Q25) 6

Q26) 6348

Q27) \$40

Q28) 13

Q29) 16

Q30) 3

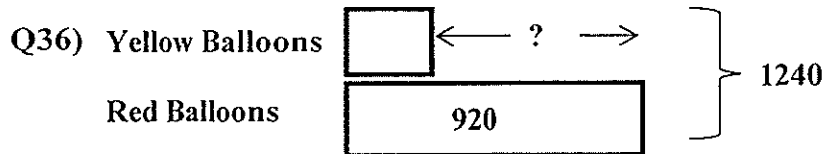
Q31) 30

Q32) 39

Q33) 205

Q34) \$70

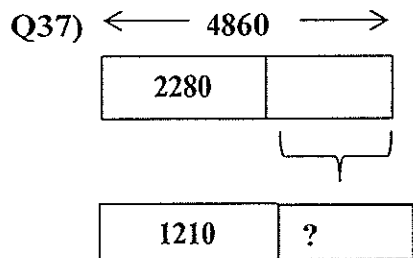
Q35) 18 ducks, 12 dogs



Yellow balloons $\rightarrow 1240 - 920 = 320$

Difference $\rightarrow 920 - 320 = 600$

There were 600 more red balloons than yellow balloons.

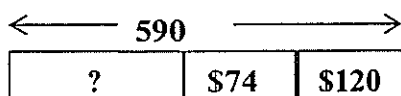


Children $\rightarrow 4860 - 2280 = 2580$

Girls $\rightarrow 2580 - 1210 = 1370$

There were 1370 girls.

Q38) Total amt. of money:



Money left:



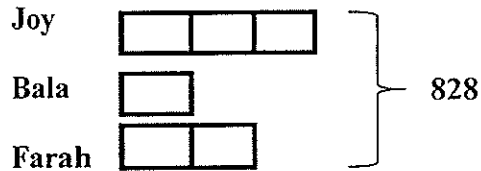
Total amount of money left $\rightarrow \$590 - \$120 = \$470$

$\$470 - \$74 = \$398$

Amount Jayden had left $\rightarrow \$398 \div 4 = \99

Jayden left \$99.

Q39)



Amount of coffee powder Bala bought $\rightarrow 828 \div 6 = 138$

Amount of coffee powder Joy bought $\rightarrow 138 \times 3 = 414$

Joy bought 414 g of coffee powder.

Q40) a) Amount of jellybeans bought $\rightarrow 12 \times 5 = 60$

There are 60 jellybeans altogether.

b) $60 \div 6 = 10$

Each of them got 10 jellybeans.

