

Name : _____ ()

Class : Primary 3 _____

CHIJ ST NICHOLAS GIRLS' SCHOOL (PRIMARY)



Primary 3 Mathematics

Semestral Assessment 1

13 May 2013

Parent's / Guardian's Signature

Section A	/ 40
Sections B & C	/ 60
Total Marks	/ 100

Duration of Paper : 1 h 45 min

Do not turn over this page until you are told to do so.
Follow all instructions carefully.
Answer all questions.

This paper consists of 20 printed pages including the cover page.

SECTION A: (20 x 2 marks)

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 option (1, 2, 3 or 4) in the Optical Answer Sheet provided.

1. In 7482, the value of the digit 4 is _____.

1) 4

2) 4 tens

3) 40 ones

4) 40 tens

2. The sum of 78 tens and 5 hundreds is _____.

1) 578

2) 830

3) 1280

4) 1380

3. _____ is 908 more than 2639.

1) 1731

2) 2331

2) 2347

4) 3547

4. Using all the digits below, what is the greatest number of ways to form 3-digit numbers?

0

2

7

- 1) 3
3) 6

- 2) 4
4) 9

5. A bottle of cough mixture holds 80 mL of syrup. Susan was ill and had to take 1 spoonful of syrup each day. If 1 spoonful can hold 10 mL of syrup, how many days would it take for Susan to finish the whole bottle of cough mixture?

- 1) 1
3) 10

- 2) 8
4) 70

6. What is the missing number?

2 214, 2424, 2 634, _____, 3 054,

- 1) 2 624
3) 2 844

- 2) 2 814
4) 2 944

7. Using the digits 2, 3, 6 and 7, form the greatest odd number. Then subtract the number from 9000.

- | | |
|---------|---------|
| 1) 1368 | 2) 1377 |
| 3) 2623 | 4) 6633 |

8. Subtract 1789 from the sum of 1233 and 3870.

- | | |
|---------|---------|
| 1) 1525 | 2) 3314 |
| 3) 4209 | 4) 5998 |

9. Which one of the following is 2 more than 4 groups of 6 ?

- | | |
|-------|-------|
| 1) 12 | 2) 20 |
| 3) 26 | 4) 48 |

10. Find the missing number in the box below.

$$6 \times 9 = \boxed{?} + 9 + 9$$

- | | |
|-------|-------|
| 1) 18 | 2) 36 |
| 3) 54 | 4) 72 |

11. If $\Delta + \Delta$ represents 14,
what does $\Delta + \Delta + \Delta + \Delta + \Delta$ represent?

- 1) 28 2) 35
- 3) 42 4) 70

12. What is the product of 217 and 8 ?

- 1) 209 2) 225
- 3) 1686 4) 1736

13. Which one of the following is incorrect?

- 1) $3 \times 5 = 5$ threes
- 2) $48 = 4$ eights
- 3) $18 \times 2 = 9$ fours
- 4) $38 = 19$ twos

14. In the product of 63 and 5, which digit is in the hundreds place?

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

15. Which number, when divided by 6, gives a quotient of 36 and a remainder of 5?

1) 47

2) 66

3) 216

4) 221

16. There are 84 beads to be shared among a group of 10 children. If each child gets 8 beads, how many beads are left?

1) 4

2) 10

3) 66

4) 76

17. Miss Wong took a group of children to an exhibition. She paid \$77 for the admission fees. How many children did she take to the exhibition?

Admission Fees	
Adult	\$8 each
Child	\$3 each

1) 7

2) 11

3) 23

4) 24

18. The sum of two numbers is 120. One of the numbers is twice the other number. What is the bigger number?

- | | |
|-------|--------|
| 1) 40 | 2) 60 |
| 3) 80 | 4) 120 |

19. Felicia bought 709 apples. She gave away 163 apples and put the rest equally into baskets of 7. How many baskets of apples were there?

- | | |
|--------|--------|
| 1) 78 | 2) 86 |
| 3) 123 | 4) 124 |

20. A box can hold 9 muffins.
What is the least number of such boxes needed to hold 74 muffins?

- | | |
|------|------|
| 1) 2 | 2) 7 |
| 3) 8 | 4) 9 |

SECTION B: (20 x 2 marks)

**Write down your answers in the spaces provided.
Show all workings and steps clearly.**

Do not
write in this
space

21. Write 9348 in words.

Ans: _____

22. In $10 \times 3 = 3 \times 3 + \boxed{?}$ groups of 3, what is the missing number?

Ans: _____

23. Find the difference between the values of the digit 6 in the number 6260.

Ans: _____



24. Vincent and Siti shared 60 chocolate candies.
 Vincent received four times as many chocolate candies as Siti.
 How many chocolate candies did Siti receive?

Do not
 write in this
 space

Ans: _____

25. Arrange the following digits to form the smallest 4-digit even number.

6 5 2 0 1

Ans: _____

26. What are the missing digits in the boxes?

$$\begin{array}{r}
 800\boxed{A} \\
 - \boxed{B}304 \\
 \hline
 4697
 \end{array}$$

Ans: A = _____

B = _____



27. The table below shows the number of stickers that Mary collects each week. From the table, how many stickers will she collect on the 5th week?

Week	1	2	3	4	5
Number of stickers collected	14	21	29	38	?

Do not
write in this
space

Ans: _____

28. The table below shows the cost of four items.
Mr Sing gave the cashier \$2000 and received a change of \$245.
Which two items did he buy?

Item	Cost
Coffee Table	\$395
Bookshelf	\$695
Wardrobe	\$1060
Sofa Bed	\$1550

Ans: _____ and _____



29. I am a 2-digit odd number. I am between 40 and 50.
When you divide me by 5, the remainder is 3.
When you divide me by 4, the remainder is also 3.
What number am I?

Do not
write in this
space

Ans: _____

30. Find the missing digit in the box below.

$$\begin{array}{r} 1 \quad \boxed{?} \quad 5 \\ \times \quad \quad 4 \\ \hline 5 \quad 4 \quad 0 \end{array}$$

Ans: _____

31. Find the total cost of 3 such bicycles.



Bicycle

\$175

Ans: \$ _____



32. There were 16 children at a party. Each child ate 7 fishballs. There were 4 fishballs left. How many fishballs were there at first?

Do not
write in this
space

Ans: _____

33. The sum of two facing pages in a dictionary is 13. What is the product of the two page numbers?

Ans: _____

34. A fruiterer had 633 apples. He packed them into bags of 3 apples each. Then he sold all the apples at \$2 a bag. How much money did the fruiterer receive?

Ans: \$ _____

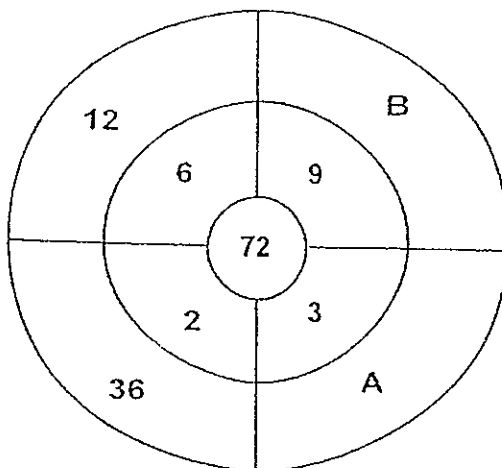


35. How many numbers between 20 and 50 can be divided exactly by 8?

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Ans: _____

36. Look at the diagram below.
What is the answer when A is divided by B?



Ans: _____



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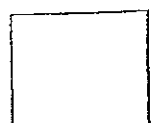
37. What is the missing number?

$$\begin{array}{r}
 \boxed{?} \overline{) 29} \\
 \underline{20} \\
 14 \\
 \underline{6} \\
 63 \\
 \underline{6} \\
 6
 \end{array}$$

Ans: _____

38. Sumin bought 308 kg of flour. She used 276 kg of flour and packed the remaining flour into bags of 4 kg. How many bags of flour did she get?

Ans: _____

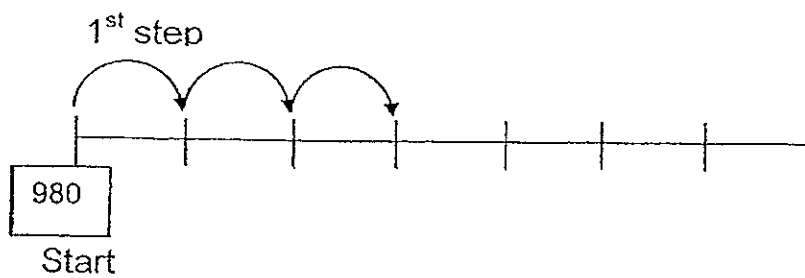


39. In a class there are 20 girls and 24 boys.
Each pupil donated 8 books for a charity drive.
How many books did all the pupils donate?

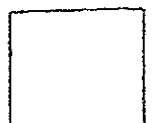
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Ans: _____

40. Count on in tens. What will be the number on the 6th step?



Ans: _____



SECTION C: (5 x 4 marks)

Solve ALL the following word problems.

All mathematical workings and statements must be shown clearly.

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41. Aunt Jillian sold tuna rolls from Wednesday to Friday.

She sold 120 tuna rolls on Wednesday.

She sold 3 times as many tuna rolls on Wednesday as on Thursday.

She sold 15 fewer tuna rolls on Friday than on Thursday.

- (a) How many tuna rolls did she sell on Friday?
- (b) How many tuna rolls did she sell on all the 3 days?

Ans: a) _____

b) _____



42. In a library, there are English, Chinese and Malay books.
There are 6453 books altogether.
There are 4987 more English books than Chinese books.
There are 1241 more Malay books than Chinese books.
How many Chinese books are there?

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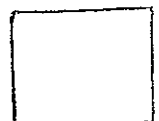
Ans: _____



43. Mr Koh is 33 years older than his son, Oscar.
Oscar will be 18 years old in six years' time.
How old was Mr Koh last year?

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Ans: _____



44. There are 58 cows on a farm. There are also some ducks on the farm. Given that all the cows and ducks have 480 legs in total, how many animals are there altogether on the farm?

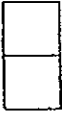
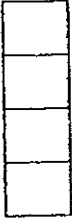
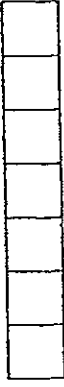
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Ans: _____



45. The figures below are made up of squares.
Study the pattern below carefully.

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					?	
Figure	1	2	3	4	5	
Number of squares	1	2	4	7	?	

(a) How many squares will there be in Figure 5?

(b) In which figure will there be 22 squares?

Ans : a) _____

b) Figure _____



————— End of Paper —————

ANSWER SHEET

EXAM PAPER 2013

SCHOOL : CHIJ ST NICHOLAS GIRLS' SCHOOL

SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

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

Q18	Q19	Q20
3	1	4

Section B

Q21) Nine thousand, three hundred and forty-eight

Q22) 7

Q23) 5940

Q24) 12

Q25) 1026

Q26) $A = 1$, $B = 3$

Q27) 18

Q28) Bookshelf and Wardrobe

Q29) 43

Q30) 3

Q31) \$525

Q32) 116 fishballs

Q33) 42

Q34) \$422

Q35) 4

Q36) 3

Q37) 1

Q38) 18 bags

Q39) 352 books

Q40) 1040

Section C

Q41) a) $120 \div 6 = 20$

$$20 - 15 = 5$$

$$20 + 5 = 25$$

b) $20 \times 9 = 180$

$$180 + 5 = 185$$

Q42) $4987 + 1241 = 6228$

$$6453 - 6228 = 225$$

$$225 \div 3 = 75$$

Q43) $18 - 6 = 12$

$$33 + 12 = 45$$

$$45 - 1 = 44$$

Q44) $58 \times 4 = 232$

$$480 - 232 = 248$$

$$248 \div 2 = 124$$

$$124 + 58 = 182$$

Q45) a) $7 + 4 = 11$

b) $11 + 5 = 16$

$$16 + 6 = 22 \rightarrow \text{figure 7}$$