

SINGAPORE CHINESE GIRLS' SCHOOL
FIRST SEMESTRAL ASSESSMENT 2006
PRIMARY 3
MATHEMATICS

Name: _____ ()

Date: _____

Class: Primary 3

Time: 1 h 45 min

Section A (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 (1, 2, 3 or 4) on the Optical Answer Sheet.

1. $4\ 000 + 900 + 1 = \underline{\hspace{2cm}}$

1) 4000

2) 4190

3) 4901

4) 4910

2. $8 \times 3 = \boxed{\hspace{1cm}} \times 4$

1) 5

2) 2

3) 3

4) 6

3. The mass of a piece of meat was 345 g. Debbie used 105 g for a burger and 72 g for a dish. How much of the meat was left?

1) 168 g

2) 177 g

3) 240 g

4) 273 g

4. I had the following notes:

\$5

\$2

\$2

\$2

\$2

\$1

How much did I have?

1) \$9

2) \$10

3) \$13

4) \$14

5. Betty had 5 ten-dollar notes and 3 two-dollar notes. She spent \$6.80 at the book shop. What was she left with?

- | | |
|------------|------------|
| 1) \$1.20 | 2) \$43.20 |
| 3) \$46.20 | 4) \$49.20 |

6. The sum of 3249 and 2487 is _____.

- | | |
|---------|---------|
| 1) 5636 | 2) 5736 |
| 3) 6096 | 4) 6736 |

7. 2976 pears are packed into packets of 8. How many packets are there?

- | | |
|--------|--------|
| 1) 372 | 2) 382 |
| 3) 422 | 4) 482 |

8. In the following pattern,

$$\boxed{1230} + \boxed{2} = 1232$$

$$\boxed{1240} + \boxed{4} = 1244$$

$$\boxed{1250} + \boxed{6} = 1256$$

the answer for the next set of numbers would be _____.

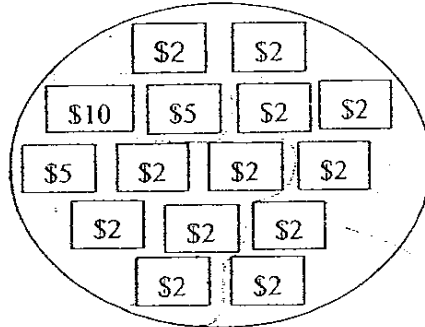
- | | |
|---------|---------|
| 1) 1258 | 2) 1266 |
| 3) 1268 | 4) 1274 |

9. Peter has 1245 one-dollar coins. His brother has 28 coins more. How many coins do they have altogether?

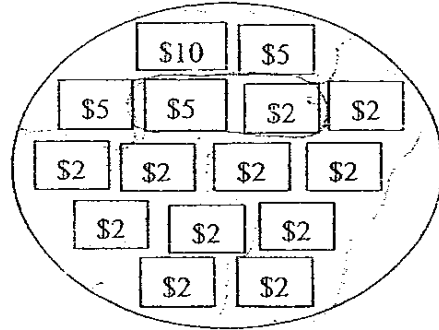
- | | |
|---------|---------|
| 1) 1273 | 2) 1301 |
| 3) 2490 | 4) 2518 |

10. Mr Chan changed a \$50 note to 1 ten-dollar note and some five-dollar and two-dollar notes. He had a total of 15 notes.
The circle with the correct answer is _____.

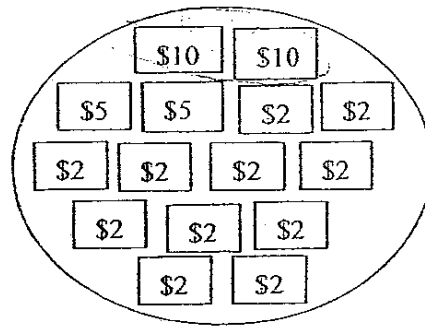
1)



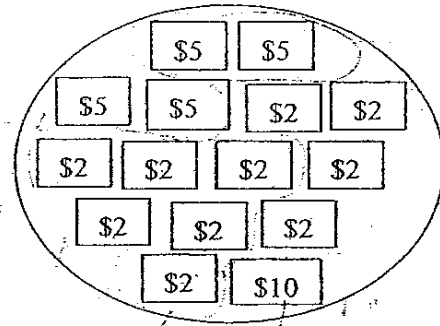
2)



3)



4)



11. Mrs Samad planned to give 8 children an equal number of pencils. Each child was given 6 pencils but the last child had only 5 pencils. How many pencils were there?

1) 43

2) 45

3) 47

4) 48

12. Peter bought 2 apples for \$1.30. How much would he need to pay for 7 apples?

1) \$0.65

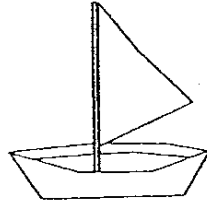
2) \$3.90

3) \$4.55

4) \$9.10

13. I went to a supermarket with \$100. I bought several items costing \$76.60. I found I had \$16.80 left after paying for a taxi ride home. How much was the taxi fare?
- 1) \$3.30 2) \$6.60
3) \$7.40 4) \$23.00
14. Which of the following numbers has the least value?
- 1) 8121 2) 8192
3) 8291 4) 8912
15. The sum of 2 numbers is 684. The bigger number is 36 more than the smaller number. What is the smaller number?
- 1) 324 2) 342
3) 360 4) 648
16. There are 76 apples in 1 carton and twice as many in another. All the apples were packed into packets of 6 apples each. How many packets were there?
- 1) 19 2) 26
3) 36 4) 38
17. Miss Tan bought 5 boxes of cards. She repacked them into 30 small packets of 8 cards each. How many cards were there in each of the 5 boxes?
- 1) 6 2) 40
3) 48 4) 240

18. Aunt Betty bought the following items. How much did she spend?



- | | |
|------------|------------|
| 1) \$30.20 | 2) \$37.95 |
| 3) \$40.05 | 4) \$46.10 |

19. Samat earned \$392 in 8 days. How much could he earn in 1 day?

- | | |
|---------|-----------|
| 1) \$48 | 2) \$49 |
| 3) \$98 | 4) \$3136 |

20. Minah spent \$32.80 on a pair of shoes and 2 pairs of socks. The shoes cost \$26.80. How much did each pair of socks cost?

- | | |
|------------|-----------|
| 1) \$12.00 | 2) \$6.00 |
| 3) \$3.00 | 4) \$1.50 |

Name: _____ ()

Date: _____

Class: Primary 3

Section B (2 marks each)

**Write your answers in the spaces provided. All working must be clearly shown.
Give your answer in the units stated.**

21. 19 less than 1010 is _____ .

Ans: _____

22. What is the biggest number that can be formed from these digits?
7, 0, 9, 3

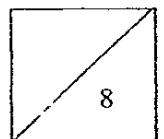
Ans: _____

23. The sum of 694 and 599 is _____ .

Ans: _____

24. $146 + \underline{\hspace{2cm}} = 199$

Ans: _____



25. $\square \times 3 = \underline{192}$

Ans: _____

26. 12 people were given a total of 60 vouchers. How many such vouchers were given to 9 people?

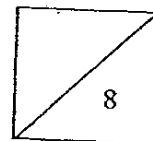
Ans: _____

27. John and his 3 sisters wanted to buy a present for their mother. John spent \$11. His sisters each spent \$6. How much did the present cost?

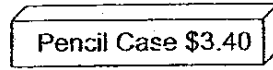
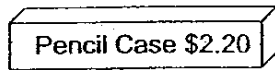
Ans: \$ _____

28. Sheena has 7 fifty-cent coins. Her sister has 3 times as many fifty-cent coins. What is the total amount of money that they have?

Ans: \$ _____



29. Rajah bought 2 pencil cases costing \$2.20 and \$3.40.



He gave the cashier a \$50 note.
What was his change?

Ans: \$ _____

30. Kay had \$36. She bought a box of chocolate for \$24 and 4 gift wrappers with the remaining amount of money. How much did each gift wrapper cost?

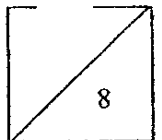
Ans: \$ _____

31. The value of '8' in 1865 is _____.

Ans: _____

32. The difference between 910 and the sum of 200 and 595 is _____.

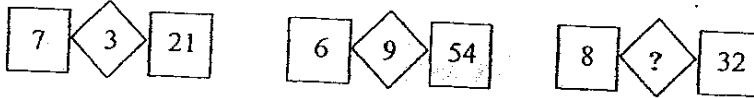
Ans: _____



33. There are 3 times as many oranges as apples in a basket. If there are 24 oranges, how many fruits are there altogether?

Ans: _____

34. Study the number pattern. What is the missing number?



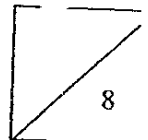
Ans: _____

35. A tailor sewed 7 pieces of costumes on the first day and twice as many on the second day. He has a total of 38 costumes to sew. How many more costumes has he to sew?

Ans: _____

36. Fatimah brought sweets for the children in a home. There were 38 children. She wanted to give each child 8 sweets. How many sweets did she give away?

Ans: _____



\$10 50¢
50¢ 20¢

\$5 \$2
\$2 \$2
10¢ 10¢

\$5 \$5 20¢
20¢ 20¢
20¢ 20¢

\$5 \$2 \$1
\$1 \$1 50¢
50¢ 20¢

37. Each of the above envelopes should contain the same amount of money. How much is missing in one of the envelopes?

Ans: _____ ¢

38. Kim brought \$76 to a shop. She picked up 3 items, a dress costing \$34.90, a pair of shorts for \$16.90 and a pair of shoes for \$25.00. She did not have enough money to pay for her items. How much more did she need?

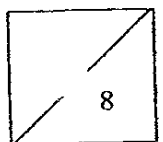
Ans: \$ _____

39. Ali spent \$92 on pens for a contest. Each pen cost \$4. How many pens did he buy?

Ans: _____

40. 10 eggs cost \$2.00. How much would 600 eggs cost?

Ans: \$ _____



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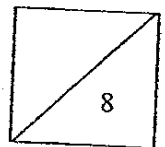
Section C (4 marks each)
Show all working clearly.

41. John spent \$23.70 on a science book. He also bought a dictionary which cost \$6.00 more than the science book. How much did he spend altogether?

Ans: _____ (4)

42. Mother bought 104 kg of rice. She packed them into 20 packets of 4 kg and some packets of 2 kg. How many 2 kg packets were there?

Ans: _____ (4)

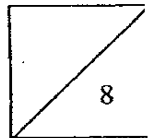


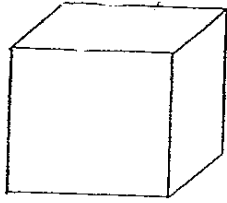
43. A total of 784 boys and 696 girls attended a show at the end of 4 days.
How many children were at the show each day?

Ans: _____(4)

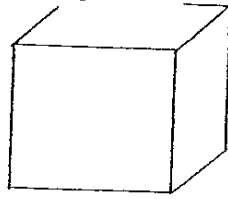
44. 2 similar dresses and 3 pairs of shorts cost \$63.00. If 1 dress cost \$18.00
how much does 1 pair of shorts cost?

M! Ans: _____(4)





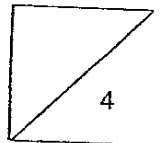
Box A



Box B

45. 6 cubes were taken out of Box A and put into Box B. As a result, Box B had 28 cubes. Later 4 cubes from Box B were put into Box A. Box B then had twice as many cubes as Box A. How many cubes were in Box A at first?

Ans: _____ (4)



PLEASE CHECK YOUR WORK
END OF PAPER

Answer Sheets
Singapore Chinese Girls Pri 3 SAI / 2006 Maths

- | | | | | |
|-------|-------|-------|-------|-------|
| 1) 3 | 2) 4 | 3) 1 | 4) 4 | 5) 4 |
| 6) 2 | 7) 1 | 8) 3 | 9) 4 | 10) 4 |
| 11) 3 | 12) 3 | 13) 2 | 14) 1 | 15) 1 |
| 16) 4 | 17) 3 | 18) 4 | 19) 2 | 20) 3 |

21. $1010 - 19 = 991$

22. 9730

23. $694 + 599 = 1293$

24. $199 - 146 = 53$

25. $192 \div 3 = 64$

26. 12 people = 60 vouchers ($60 \div 12$)
9 people = 9×5
= 45 vouchers

27. $\$6 \times 3 = \18
 $\$(18 + 11) = \29.00

28. Sheena = $\$0.50 \times 7 = \3.50
Sister = $\$0.50 \times (7 \times 3) = \10.50
= $\$(3.50 + 10.50) = \14.00

29. Pencil Cases = $\$(2.20 + 3.40)$
= $\$5.60$
His change was = $\$(50.00 - 5.60)$
= $\$44.40$

30. $\$(36 - 24) = \2.00
 $\$2.00 \div 4 = \0.50

31. $1865 = 800$

32. $200 + 595 = 795$
 $910 - 795 = 115$

33. Oranges = 24
Apples = $24 \div 3 = 8$
 $8 + 24 = 32$ fruits

34. 4

35. 1st day = 7 pieces of costumes
2nd day = $7 \times 2 = 14$ costumes
 $38 - 14 = 24$ more costumes to sew.

36. $38 \times 8 = 304$

37. $0.20¢$ is missing in one of the envelopes

38. $\$(34.90 + 16.90 + 25.00) = \76.80
 $\$(76.80 - 76) = 0.80¢$

39. $\$92 \div \$4.00 = \$23.00$

40. 10 eggs = \$2.00
600 eggs = $0.20¢ \times 600$
= \$120.00

41. Science Book = \$23.70
Dictionary = $\$(6.00 + 23.70)$
= \$29.70

Science Book + Dictionary = $\$(23.70 + 29.70)$
= \$53.40

He spend \$53.40 altogether.

42. 20 packets \times 4 kg = 80kg
 $(104 - 80)kg = 24kg$
 $24kg \div 2 = 12$ packets

There were 12 packets of 2kg of rice.

43. $784 + 696 = 1480$
 $1480 \div 4 = 370$ children

There were 370 children each day.

44. 1 dress costs = \$18.00
2 dresses = $\$18 \times 2 = \36.00
 $\$(63.00 - 36.00) = \27.00
 $\$27.00 \div 3 = \9.00

Each pair of shorts costs \$9.00

45. $28 - 4 = 24$
 $24 \div 3 = 12$
 $12 - 4 = 8$
 $8 + 6 = 14$

Box A has 14 cubes at first.