SINGAPORE CHINESE GIRLS' SCHOOL
MATHEMATICS CONTINUAL ASSESSMENT 2
2004

CA2

Name: _____ Date: _____
Primary 4 Time: 1 hour 45 min

Parent's Signature: _____

PART 1 (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. In which of the following is the digit 2 in the thousands place?

1) 27 510 3) 10 129

2) 12 100 4) 5 211

2. $48 \times 53 = 48 \times \square + 48 \times 3$

The missing number in the box is _____.

1) 53 3) 48

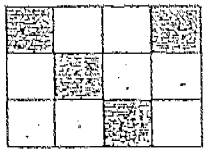
2) 50 4) 8

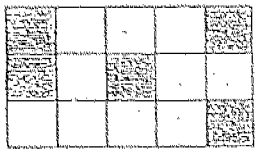
3. Find the multiples of 6 which are between 30 and 60.

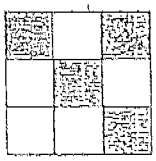
1) 36, 42, 48, 54 3) 32, 36, 40, 44

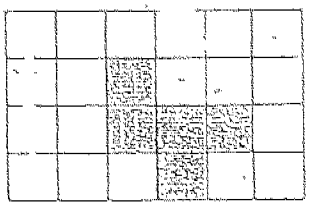
2) 33, 39, 45, 54 4) 18, 24, 36, 42

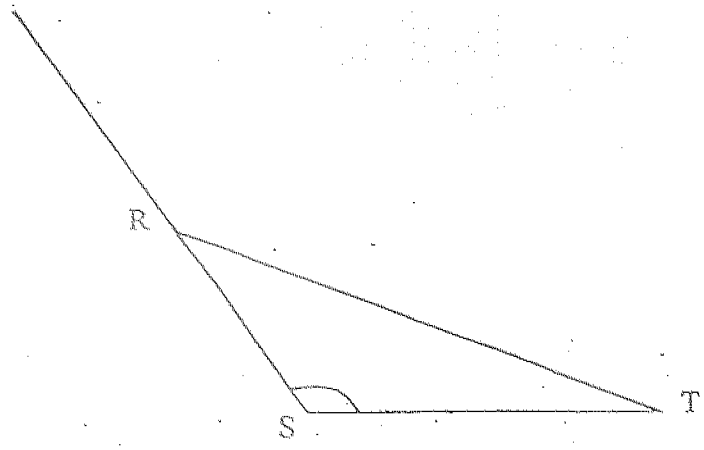
4. Which diagram below shows that less than $\frac{1}{4}$ of the figure is shaded?

1) 

3) 

2) 

4) 



5. Measure $\angle RST$. It is _____°

1) 140° 3) 125°

2) 132° 4) 55°

6. Express $12\frac{4}{5}$ as a decimal.

1) 12.8 3) 12.08

2) 12.45 4) 1.24

7. What is the value of the digit 9 in the sum of 44 189 and 711 ?

1) 9000 3) 90

2) 900 4) 9

8. When _____ is added to 1 120, it becomes 1 275.

1) 155 3) 2395

2) 395 4) 2405

9. Which one of the following numbers is a common factor of 18 and 27?

1) 9 3) 6

2) 8 4) 4

10. Find the product of 9 582 and 7 and then round it off to the nearest hundred.

1) 67 174
2) 67 100
3) 67 074
4) 67 000

The table below shows the prices of different types of cakes sold in a bakery. Use the information to answer Q11 and Q12.

Cakes	Pandan	Chocolate	Cheese	Fruit
Cost	$2.50	$3.00	$4.30	$6.60

11. Mother bought 2 Pandan cakes and a Fruit cake.

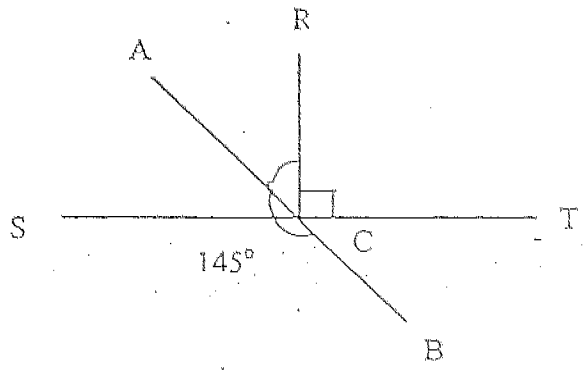
She paid _____ altogether.

1) $15.70
2) $11.60
3) $9.10
4) $5.00

12. She wanted to buy 3 chocolate cakes and 2 cheese cakes but she had $7.

She needed _____ more.

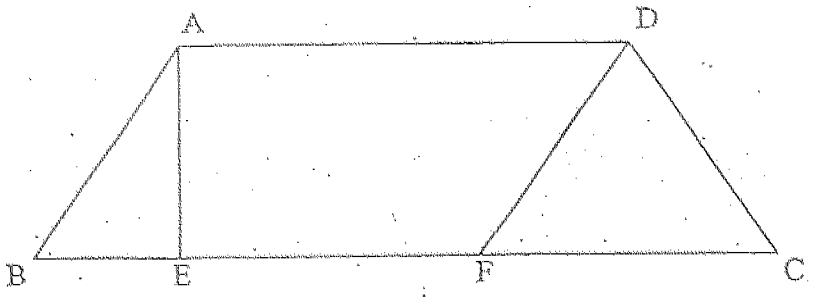
1) $17.60
2) $11.90
3) $10.60
4) $8.30



13. ST and RC are straight lines. ∠RCT is a right angle.
∠ACR is _____°

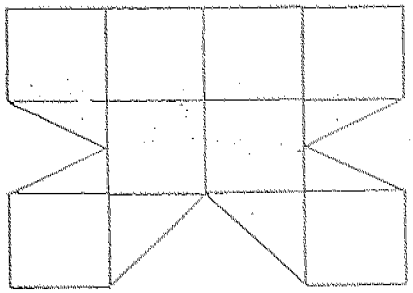
1) 75°
2) 60°
3) 55°
4) 40°

14. The figure below is not drawn to scale, AB is parallel to _____.



1) DC
2) BC
3) AE
4) DF

15. What is the area of the figure below ?



1) 48 cm^2
2) 44 cm^2
3) 40 cm^2
4) 20 cm^2

16. The sum of 4.95 and $5\frac{9}{100}$ is _____.

1) 9.94
2) 10.04
3) 10.95
4) 19.05

17. Study the number pattern below.

22 125 , 22 210 , 22 145, 22 230, 22 165, 22 250, _____, 22 270.

The missing number is _____.

1) 22 165
2) 22 185
3) 22 315
4) 22 335

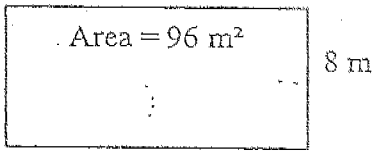
18. Johnny spent $\frac{3}{8}$ of his savings on a jacket. The jacket cost $24.

He had _____ at first.

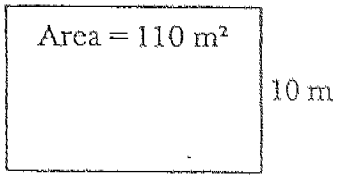
1) $8
2) $18
3) $64
4) $192

19. Which one of the following rectangles has the biggest perimeter ?

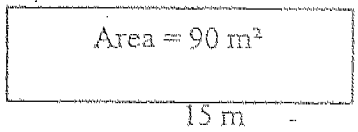
1)



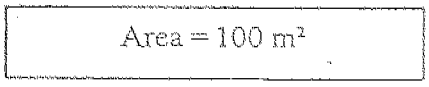
2)



3)



4)



20. Jane bought 34.38 cm of string to make 9 pieces of ribbon. The length of each piece of ribbon is _____ cm.

1) 3.82
2) 38.2
3) 0.382
4) 0.082

SINGAPORE CHINESE GIRLS' SCHOOL
MATHEMATICS CONTINUAL ASSESSMENT 2
2004

Name: _____ Date: _____
Primary 4 Time: 1 hour 45 min

PART 2
Section A (2 marks each)

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

1. The multiples of _____ are 24, 30, 36, 42 .....

Ans: _____

2. Round off the product of 242 and 12 to the nearest hundred.

Ans: _____

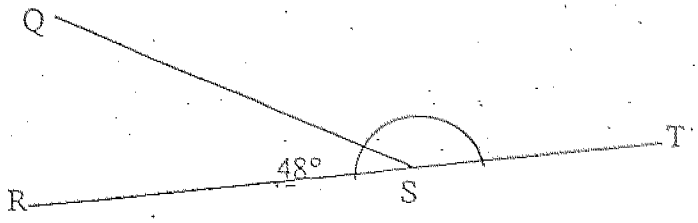
3. Arrange the following fractions in **descending** order.

$\frac{3}{4}$, $1\frac{1}{8}$, $\frac{5}{8}$, $\frac{8}{4}$

Ans: _____

6

4. In the diagram below, RT is a straight line. $\angle RSQ = 48°$.
$\angle QST$ is _____°



Ans: _____°

5. Express 3 hundreds, 4 tens, 5 tenths and 6 hundredths in decimals.

Ans: _____

6. Express the value of the digit '8' in 100.83 as a fraction in its simplest form.

Ans: _____

7. 649 ÷ 11 = _____ + 50

Ans: _____

8. There are 468 boxes of strawberries at the supermarket. In each box, there are 33 strawberries. How many strawberries are there altogether?

Ans: _____

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9. The population of Heartland estate was 7698. When 600 people moved to another estate, the population became _____. Round off the figure to the nearest thousand.

Ans: _____

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10. Express 4 hours as a fraction of one day. Give your answer in its simplest form.

Ans: _____

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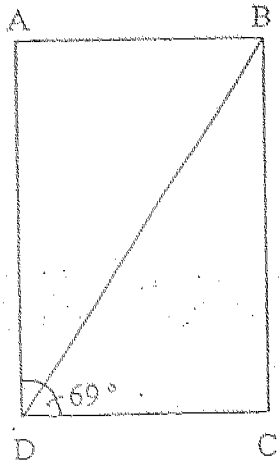
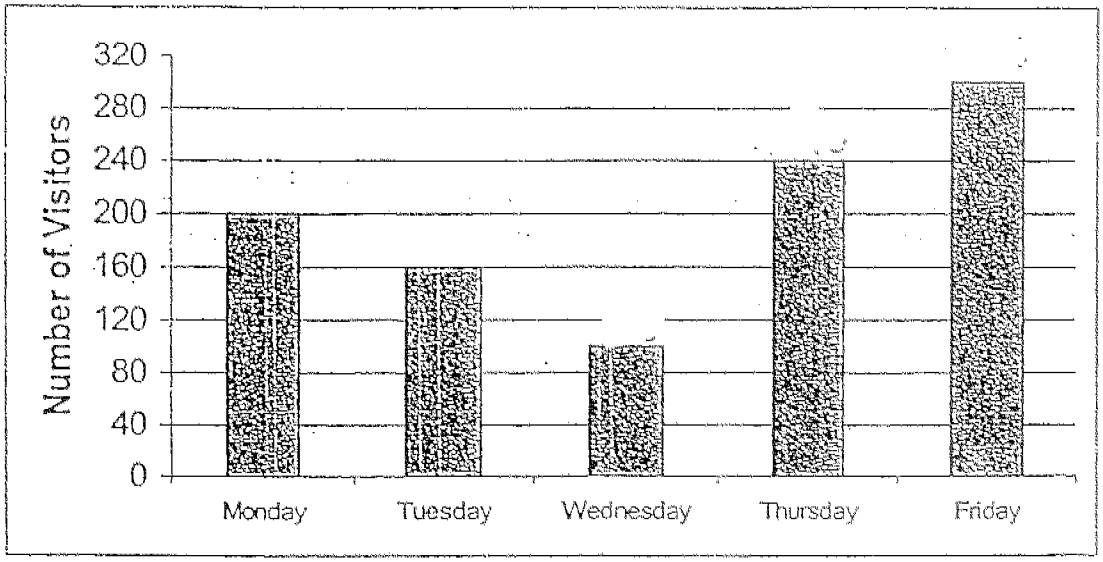
11. Given that ABCD is a rectangle. Find $\angle BDA$.



Ans: _____ °

8

The graph shows the number of visitors to the Science Centre over 5 days. Study the graph below and answer the Q12 and Q13.



12. The total number of visitors on Tuesday and Friday was _____.

Ans: _____

13. On which day were there twice as many visitors as on Wednesday ?

Ans: _____

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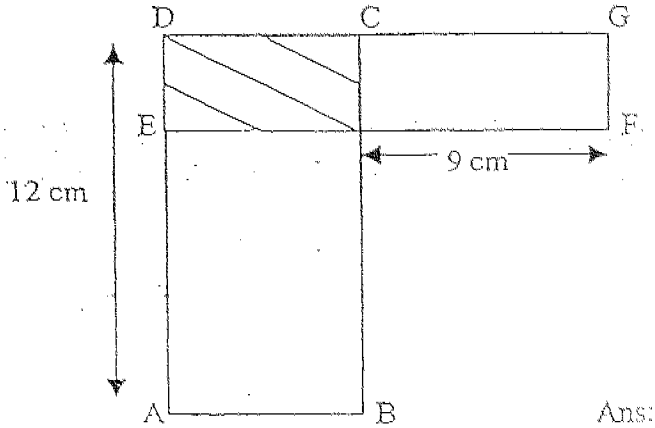
14. In the figure shown, ABCD and DEFG are rectangles. Their areas are 60 cm² and 28 cm² respectively. Find the area of the shaded part. The figure is not drawn to scale.



Ans: _____ cm²

6

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15. Find the value of 4.08×7

Ans: _____

16. The sum of two numbers is 915. If one of the numbers is 8, what is the product of the two numbers ?

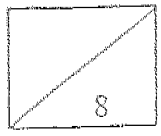
Ans: _____

17. Linda bought 18 packets of wooden sticks. There were 2 534 wooden sticks in each packet. She threw away 36 of them and repacked the rest into 9 packets. How many wooden sticks were there in each new packet?

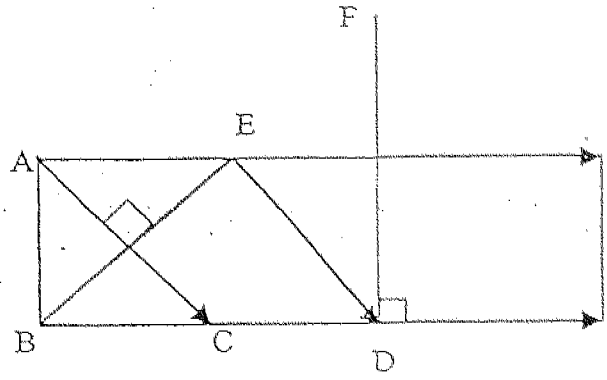
Ans: _____

18. Amy had \$285. She spent $\frac{1}{3}$ of it on a gown and $\frac{1}{2}$ of the remainder on a bag. How much had she left ?

Ans: \$ _____



19. In the diagram below, ED is perpendicular to _____.



Ans: _____

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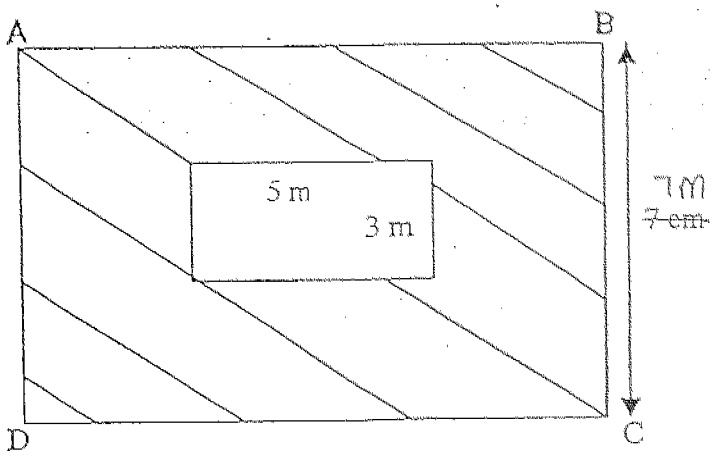
20. In the figure below, the area of the shaded part is 76 m². Find the length of AB.



Ans: _____ m

Name _____ ( ) Date _____
Primary 4

Section B (4 marks each)
All working and statements must be clearly shown.

21. Mrs. Ting bought 2 cupboards and 2 chairs from a furniture shop. The cost of a cupboard and a chair is $ 246. How much must she pay ?

Ans: _____

22. The total length of 3 similar rods and 3 strings of equal length is 4 302 cm. Each string is twice as long as a rod. Find the length of each rod.

Ans: _____

23. Helen collected a bag of beads. $\frac{1}{5}$ of the beads were purple, $\frac{1}{4}$ of the remainder were yellow and the rest were 42 red beads. How many beads did she collect altogether ?

Ans: _____

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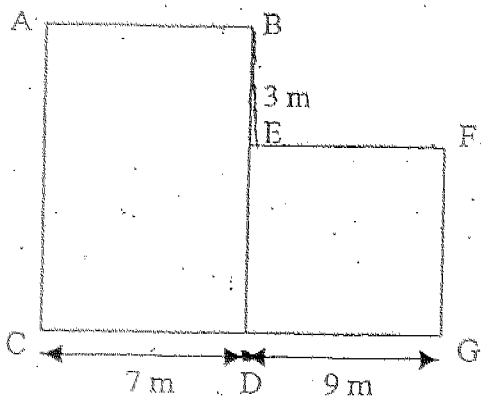
24. Miss Loo bought 30.05 m of cloth. After sewing 2 curtains and 4 cushion-covers, she had 9.65 m of cloth left. Each curtain required 2.2 m of cloth. How many metres of cloth did she use for each cushion-cover ?

Ans: _____

8

25. The figure below represents a plot of land. ABCD is a rectangle and DEFG is a square.



a) What is the perimeter of the plot of land ?

b) If 1 m^2 of grass costs \$25, how much will it cost to patch up the plot of land with grass ?

Ans: (a) _____

(b) _____

4

Have you checked your work?

SINGAPORE CHINESE GIRLS SCHOOL
CONTINUAL ASSESSMENT 2, 2004
PRIMARY 4 MATHEMATICS

CA2

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

Part II

1) 6
2) 2900
3) 8/4, 1 1/8, 3/4, 5/8
4) 132
5) 340.56
6) 4/5
7) 9
8) 15444
9) 7000
10) 1/6
11) 21
12) 460 visitors
13) Monday
14) 10
15) 28.56
16) 7256
17) 5064
18) 95
19) ED $\perp$ EB
20) 13
21) $ 492
22) 478 cm
23) 70 beads
24) 4m
25) a) 56 m b) $ 4125