



# RAFFLES GIRLS' PRIMARY SCHOOL

## SEMESTRAL ASSESSMENT ( 2 )

2005

SA2

Name: \_\_\_\_\_ Class: P4 \_\_\_\_\_ Index No: \_\_\_\_\_

October 2005

**MATHEMATICS ATT: 1 h 45 min**

|                             |       |       |
|-----------------------------|-------|-------|
| Your Score Out of 100 marks |       |       |
|                             | Class | Level |
| Highest score               |       |       |
| Average score               |       |       |
| Parent's Signature          |       |       |

### Section A ( 20 × 2 marks)

For each question, four options are given.  
Choose the correct answer and write its number (1, 2, 3 and 4) in the bracket provided.

1. Fifty thousand and fifty written as a numeral is \_\_\_\_\_

- (1) 5050
- (2) 50005
- (3) 50050
- (4) 50500

( )

2. 73548 rounded off to the nearest hundred is \_\_\_\_\_

- (1) 73500
- (2) 73550
- (3) 73600
- (4) 74000

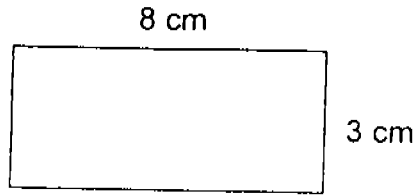
( )

3. The fifth multiple of 6 is \_\_\_\_\_

- (1) 11
- (2) 24
- (3) 30
- (4) 36

( )

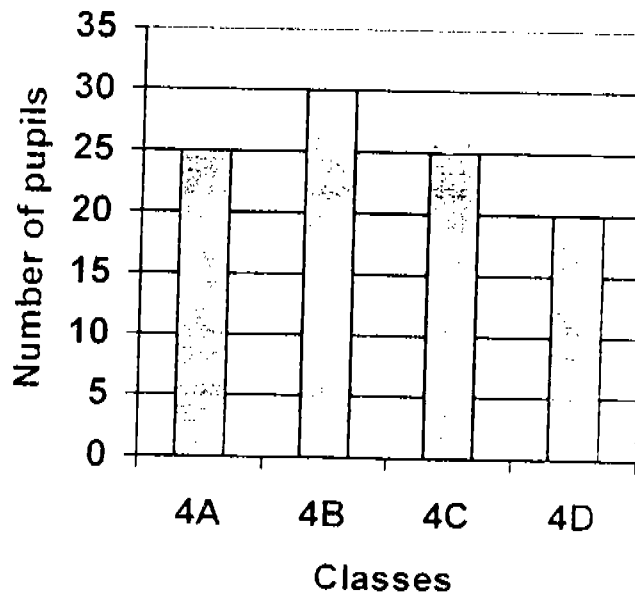
4 The perimeter of the rectangle below is \_\_\_\_\_.



- (1) 11 cm
- (2) 19 cm
- (3) 22 cm
- (4) 24 cm

( )

5 The graph below shows the number of pupils taking part in the games events during the school's Sports Day.



How many more participants has 4B than 4D?

- (1) 5
- (2) 10
- (3) 20
- (4) 30

( )

6. There are \_\_\_\_\_ fifty-dollars notes in \$85 000.

- (1) 170
- (2) 850
- (3) 1700
- (4) 8500

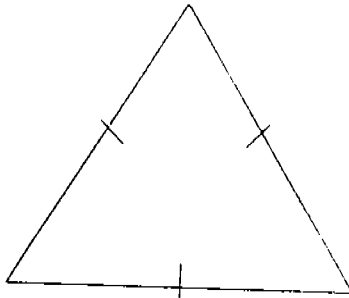
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7. Which of the following is the best estimate for  $49 \times 99$ ?

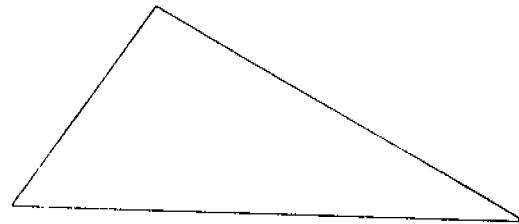
- (1)  $40 \times 10$
- (2)  $50 \times 10$
- (3)  $40 \times 100$
- (4)  $50 \times 100$

( )

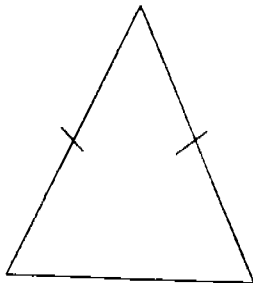
8. Which of the following is an **equilateral** triangle ?



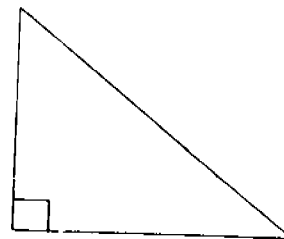
Triangle A



Triangle B



Triangle C



Triangle D

- (1) Triangle A
- (2) Triangle B
- (3) Triangle C
- (4) Triangle D

( )

9. Express  $\frac{25}{6}$  as a mixed number in its simplest form.

(1)  $\frac{5}{2}$

(2)  $2\frac{5}{6}$

(3)  $4\frac{1}{6}$

(4)  $5\frac{1}{6}$

( )

10. Round off \$738.40 to the nearest dollars.

(1) \$737

(2) \$738

(3) \$739

(4) \$740

( )

11. Add 1 to the product of 22 and 10.

(1) 220

(2) 221

(3) 222

(4) 242

( )

12. In  $80 + 4 - 15$ , the answer is \_\_\_\_\_.

(1) 61

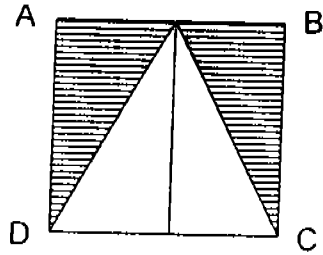
(2) 69

(3) 84

(4) 99

( )

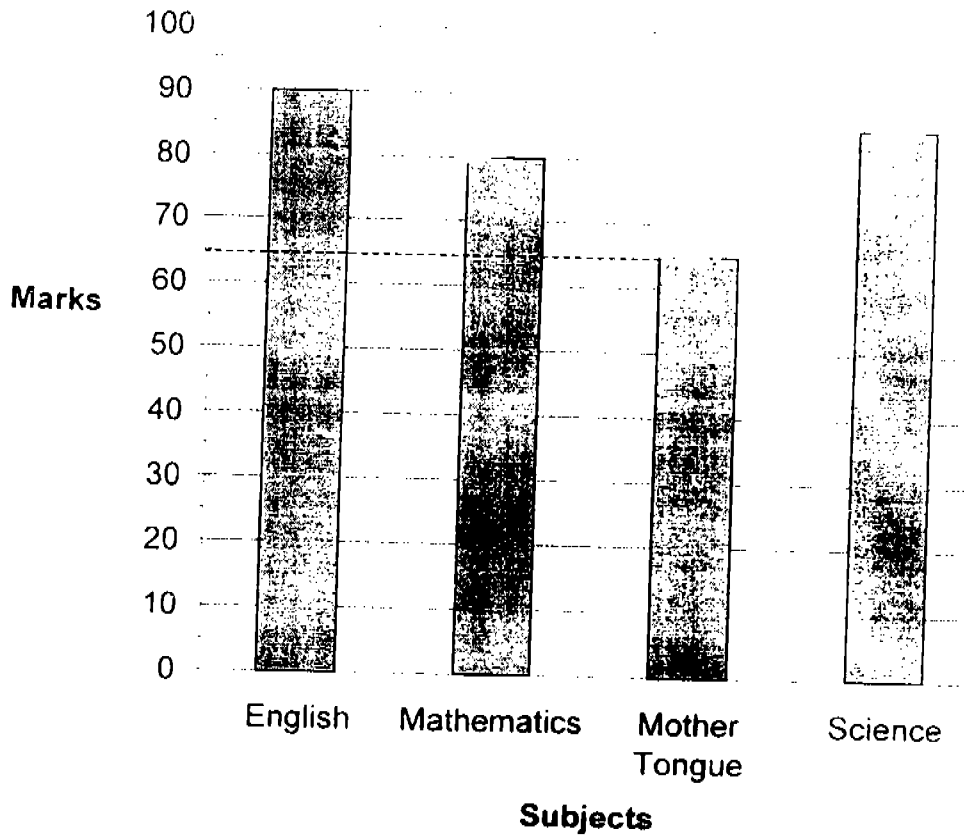
- 13 ABCD is a square consisting of 4 equal triangles. The total shaded area is  $18 \text{ cm}^2$ . What is the length of AD?



- (1) 4.5 cm  
 (2) 6 cm  
 (3) 9 cm  
 (4) 36 cm

( )

- 14 The graph below shows the marks scored by Rachael in four tests.



What is the difference between her highest and lowest marks?

- (1) 15  
 (2) 20  
 (3) 25  
 (4) 65

( )

15. Jane is 1 year 5 months older than her brother.  
She is now 10 yrs 3 months old? How old is the brother now?

- (1) 8 years 7 months
- (2) 8 years 8 months
- (3) 8 years 10 months
- (4) 11 years 8 months

( )

16. Which one of the following is correct?

- (1) 1 l = 980 ml + 200 ml
- (2) 2 l 20 ml = 2 020 ml
- (3) 3 890 ml = 3 8 l + 90 ml
- (4) 1050 ml = 1 l 500 ml

( )

17) Which one of the following figures does not have a line of symmetry?

(1) X (2) O

(3) M (4) S

( )

18. Two equivalent fractions of  $\frac{2}{3}$  are \_\_\_\_\_

- (1)  $\frac{1}{3}$  and  $\frac{3}{3}$
- (2)  $\frac{5}{9}$  and  $\frac{4}{6}$
- (3)  $\frac{4}{6}$  and  $\frac{6}{9}$
- (4)  $\frac{2}{6}$  and  $\frac{10}{15}$

( )

19. Which of the following is the largest fraction ?

(1)  $\frac{3}{4}$

(2)  $\frac{3}{5}$

(3)  $\frac{3}{7}$

(4)  $\frac{3}{8}$

( )

20. The digit 8 in 2.358 is in the \_\_\_\_\_ place.

- (1) tenths
- (2) hundredths
- (3) thousandths
- (4) thousands

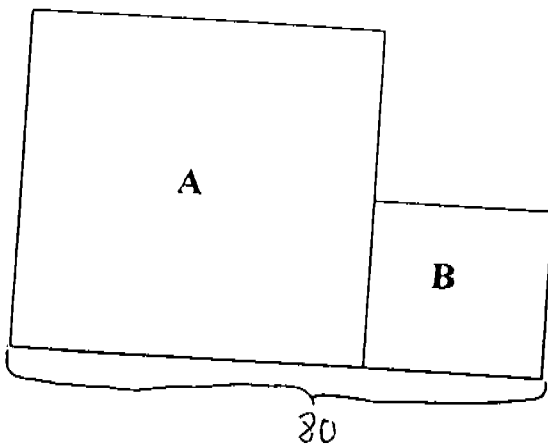
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**Section B ( 20 X 2 marks)**

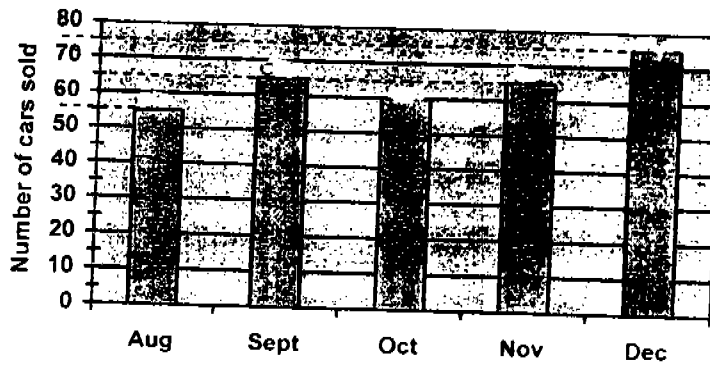
Work out each sum carefully and write its correct answer in the box provided.  
Working may be shown on the paper.

21. What is the remainder when 5833 is divided by 8?

22. The figure below consists of 2 squares A and B. The length of each side of square A is twice that of square B. If the total area of the 2 squares is  $80 \text{ cm}^2$ , find the perimeter of the whole figure.

 cm

23. The graph below shows the number of cars sold from August to December.



Fill in the missing data below

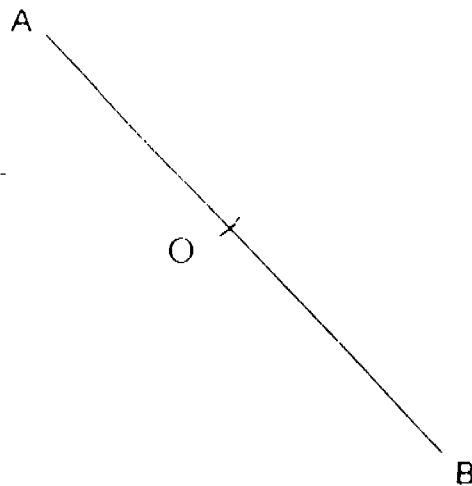
| Month               | Aug | Sept | Oct | Nov | Dec |
|---------------------|-----|------|-----|-----|-----|
| Number of cars sold | 55  |      | 60  | 65  |     |

24. The rent for a flat is \$380 per month. How much will the tenant have to pay to rent the flat for one year?

\$

25.  $6.95 \text{ kg} - 200 \text{ g} =$    $\text{kg}$

26. Using a set square and a ruler, draw a line that is perpendicular to AB, passing through point O.





27. What is the value of  $\frac{3}{4}$  of 72?

28. Arrange the following numbers in descending order.

5.24, 5.024, 5.204, 5.402

\_\_\_\_\_

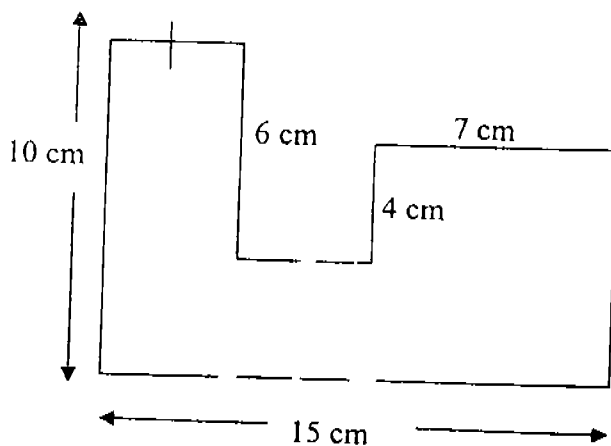
29. Round off the difference between 3003 and 298 to the nearest ten.

The answer is

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

3870, 4070, , 4470, 4670.

31. Study the figure carefully. What is its area ?

 cm<sup>2</sup>.

32. The National Library Board conducted a survey to find out the number of hours spent on reading by the Primary 4 pupils in a week.

| No. of hours | No. of pupils |
|--------------|---------------|
| 0            | 4             |
| 1            | 10            |
| 2            | 15            |
| 3            | 21            |
| more than 4  | 12            |

How many pupils read at least two hours a week?

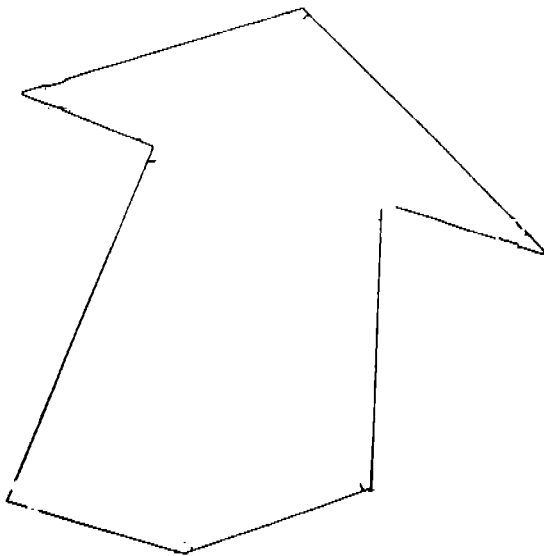
pupils

33. 13 bamboos, each of length 95 cm long, are fixed together to form a straight pole. What is the length of the pole in metres?

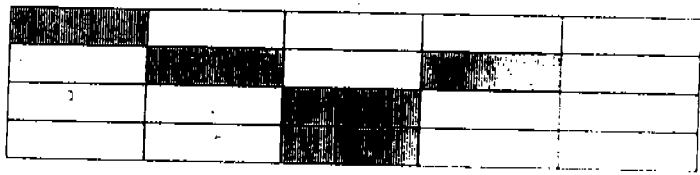
m

34. Clarice finished reading a book at 1.15 pm. If she had spent 2 hours 10 minutes at it, at what time did she start reading the book?

35. How many angles in the figure below are greater than  $90^\circ$  ?



36. Jane has to complete the shading in the rectangular grid so as to have  $\frac{3}{5}$  of the figure shaded. How many more rectangles must she shade?




37. A piece of cardboard is 3.6 m long and 2 m wide.  
What is the area of the cardboard ?

 m<sup>2</sup>

38. What must be added to 2 222 to make it 100 000 ?

39. 9 pupils went to a restaurant and ordered 3 pizzas at \$7.80 each.  
They shared the total cost equally among themselves.  
How much did each of them pay?

 \$ 

40. Subtract  $\frac{2}{100}$  from 7. Express your answer as a decimal.

**Section C ( 5 X 4 marks)**

For Q41 to Q45, show all your working clearly in the space provided.

41. Mr Li bought 50 packets of rice, each packet weighing 5 kg.  
He sold 95.5 kg of rice and repacked the remainder into smaller packets of  $\frac{1}{2}$  kg each. How many packets would he get ?
42. When a container is half-filled with beans, it weighs 2 kg 770g. The mass of the empty container is 270g. How heavy is the container when it is  $\frac{3}{4}$  full of beans? Express your answer in kg.
43. Jane bought 8 pencil cases at \$5.30 each and a dictionary at \$31.30.  
Joselyn spent \$33.70 less than Jane on some magazines at \$2.50 each.  
How many magazines did Joselyn buy ?

Answer .

31

44. 100 schools participated in a Singapore Youth Festival activity.  
 $\frac{3}{5}$  of the number of schools received the Gold award, 15 schools received the Silver award and the remaining the schools received the Bronze award.

- a) How many schools received the Gold award?  
b) What fraction of the schools received the Bronze award ?

a) \_\_\_\_\_ ( 1m )

b) \_\_\_\_\_ ( 3m )

45. Vivien has a sum of money. If she spends \$ 4.80 a day for 6 days, she will have \$ 3.50 left.  
How much should Vivien spend a day if she decides to spend her money equally over 7 days and still have \$2.90 left?

Answer : \_\_\_\_\_ ( 4m )

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Setters: Mr Lim Cheng Chwee  
Ms Lim Koon Lan  
Ms Poh Bee Leng

SA2

Raffles Girls Primary School

Primary 4 Maths SA2 Exam (2005)

*Exam Sheet*

Answer Sheets

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| Q1  | Q2  | Q3  | Q4  | Q5  |
| 3   | 1   | 3   | 3   | 2   |
| Q6  | Q7  | Q8  | Q9  | Q10 |
| 3   | 4   | 1   | 3   | 2   |
| Q11 | Q12 | Q13 | Q14 | Q15 |
| 2   | 2   | 2   | 1   | 3   |
| Q16 | Q17 | Q18 | Q19 | Q20 |
| 2   | 4   | 3   | 1   | 3   |

- |                               |                       |
|-------------------------------|-----------------------|
| 21. 1                         | 33. 12.35             |
| 22. 40                        | 34. 11.05am           |
| 23. 65, 75                    | 35. 5                 |
| 24. 4560                      | 36. 7                 |
| 25. 6.75                      | 37. 7.2               |
| 26.                           | 38. 97778             |
| 27. 54                        | 39. 2.6               |
| 28. 5.402, 5.24, 5.204, 5.024 | 40. 6.98              |
| 29. 2710                      | 41. 309               |
| 30. 4270                      | 42. 3.75              |
| 31. 118                       | 43. 16                |
| 32. 48                        | 44. $60, \frac{1}{4}$ |
|                               | 45. 4.2               |