



RAFFLES GIRLS' PRIMARY SCHOOL

SEMESTRAL ASSESSMENT 2  
2008

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

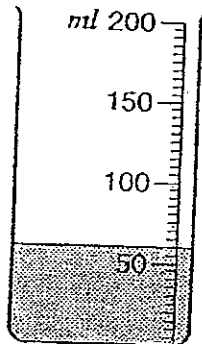
Name \_\_\_\_\_ ( ) Class: P3

24 Oct 2008 MATHEMATICS Att: 1 h 45 min

SECTION A (40 marks)

Question 1 to 20 carry 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). Write your answer (1, 2, 3 or 4) in the brackets provided.

1. The volume of water in the container is \_\_\_\_\_ ml.



- (1) 52
- (2) 54
- (3) 60
- (4) 70

( )

2. Add 1624 to 3589. The answer is \_\_\_\_\_

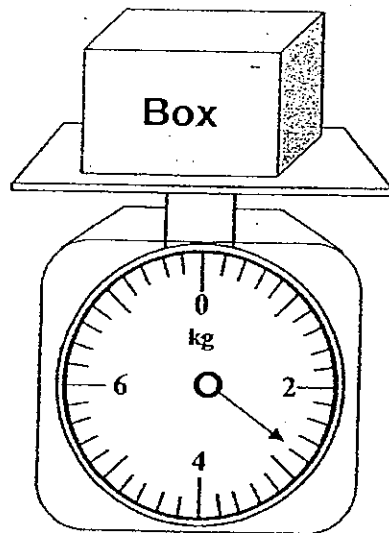
- (1) 4213
- (2) 5113
- (3) 5203
- (4) 5213

( )

3. 13 metres = \_\_\_\_\_ centimetres.

- (1) 13
- (2) 130
- (3) 1300
- (4) 13 000

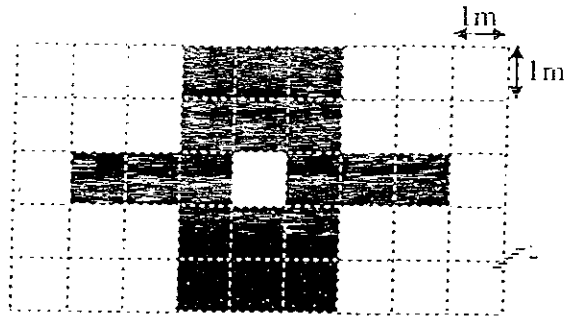
4. Study the diagram carefully.



The mass of the box is \_\_\_\_\_.

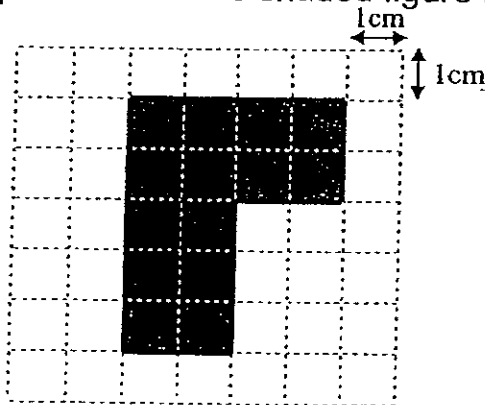
- (1) 2 kg 400 g
- (2) 2 kg 800 g
- (3) 3 kg 400 g
- (4) 3 kg 800 g

5. The area of the shaded figure is \_\_\_\_\_ m<sup>2</sup>.



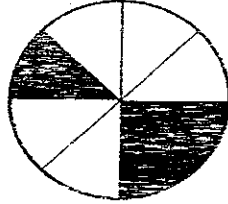
- (1) 18
- (2) 19
- (3) 24
- (4) 28

6. The perimeter of the shaded figure is \_\_\_\_\_ cm.



- (1) 17
- (2) 18
- (3) 19
- (4) 20

7. The circle below is divided into 8 equal parts. What fraction of the circle is shaded?



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

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

(3)  $\frac{5}{7}$

(4)  $\frac{5}{8}$

( )

8. What number must I add to the sum of 796 and 3631 to get 5000?

(1) 573

(2) 4427

(3) 8631

(4) 9427

( )

9. 56 months is the same as \_\_\_\_\_.

(1) 4 years and 6 months

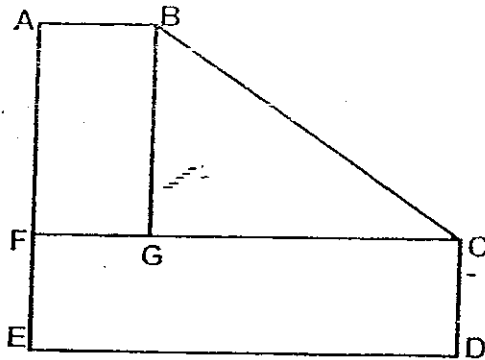
(2) 4 years and 8 months

(3) 5 years and 6 months

(4) 5 years and 1 month

( )

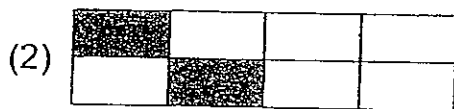
10. The figure below is made up of 2 rectangles and a right-angled triangle. Which of the following is a pair of perpendicular line?



- (1) AB and BC  
 (2) FC and CB  
 (3) AE and ED  
 (4) DC and EA

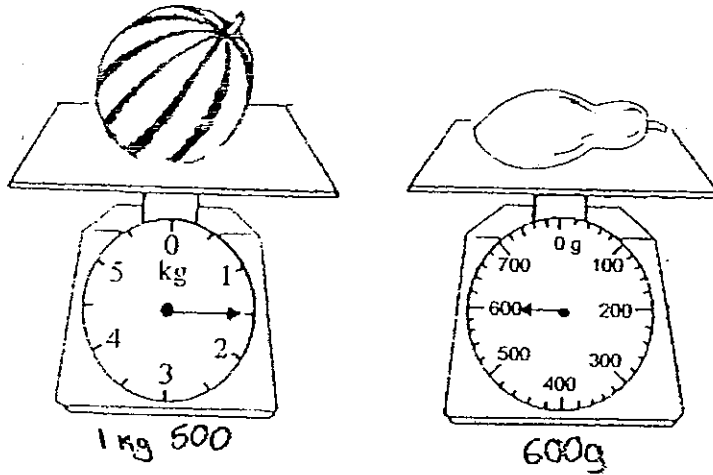
( )

11. Which of the following shows that  $\frac{1}{3}$  of the figure is shaded?



( )

12. The total mass of the watermelon and the papaya is \_\_\_\_\_.

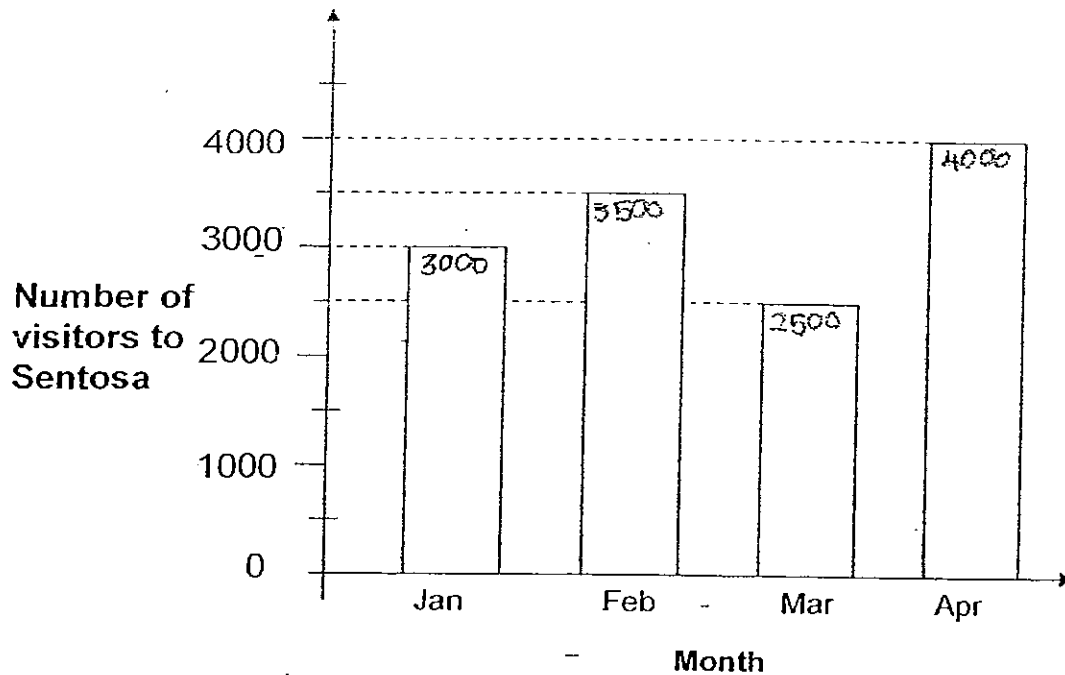


- (1) 1 kg 500g
- (2) 1 kg 100g
- (3) 2 kg 100g
- (4) 2 kg 600g

13. Ali has thirty 50-cent coins.  
He exchanged all his coins into \$5-notes.  
How many \$5-notes did he get?

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

14. The bar graph shows the number of visitors to Sentosa from January to April. How many more visitors were there in February than January?



- (1) 250  
(2) 500  
(3) 3000  
(4) 3500

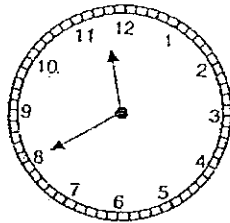
( )

15. Imran bought 2 shirts for \$24.60 each and a pair of sunglasses for \$35.80. He gave the shopkeeper \$100. How much change did he receive?

- (1) \$15.00  
(2) \$39.60  
(3) \$50.80  
(4) \$85.00

( )

16. Meiqi is watching a late night show at the time shown on the clock.

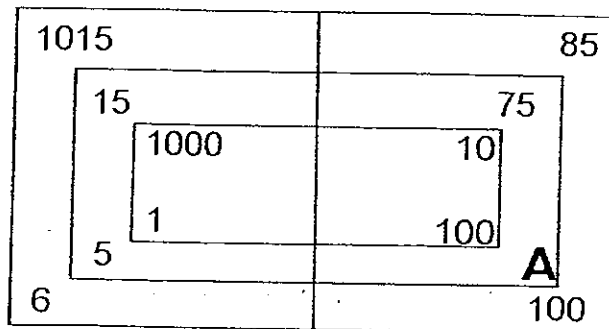


What time will it be 35 minutes later?

- (1) 11.05 p.m.
- (2) 12.15 p.m.
- (3) 12.10 a.m.
- (4) 12.15 a.m.

( )

17. The numbers in the diagram below are arranged in a certain pattern.



What is the missing number, A?

- (1) 0
- (2) 3
- (3) 65
- (4) 99

( )

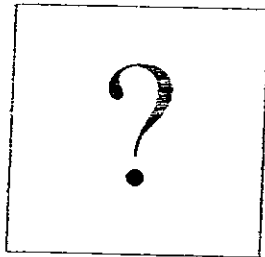
18. When 266 is divided by 6, the remainder is \_\_\_\_\_.

- (1) 41
- (2) 2
- (3) 3
- (4) 44

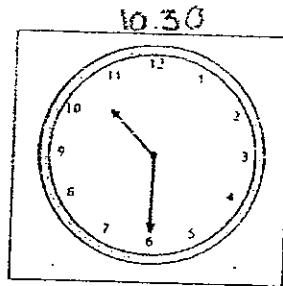
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19. Jenn and Ida started their Mathematics homework in the morning at different times.



Jenn



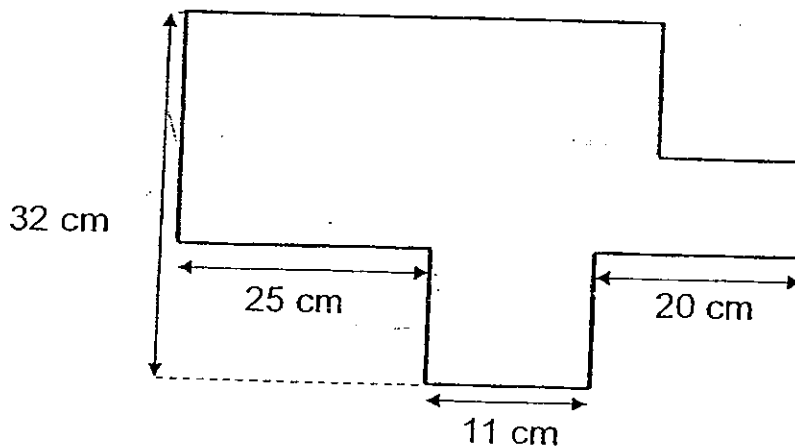
Ida

Both of them completed their work at 11.55 a.m. If they took 4 hours and 25 minutes altogether, what time did Jenn start doing her homework?

- (1) 7.30 a.m.
- (2) 7.55 a.m.
- (3) 8.55 a.m.
- (4) 2.55 p.m.

( )

20.



The perimeter of the following figure is \_\_\_\_\_ cm.

- (1) 56
- (2) 88
- (3) 122
- (4) 176

( )

**SECTION B (40 marks)**

Question 21 to 40 carry 2 marks each. Write your answers in the spaces provided. For questions which require units, give your answers in the units stated. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working.

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21. In 3174, the digit \_\_\_\_\_ is in the tens place.

Ans: \_\_\_\_\_

22. Subtract 2950 from 3446.

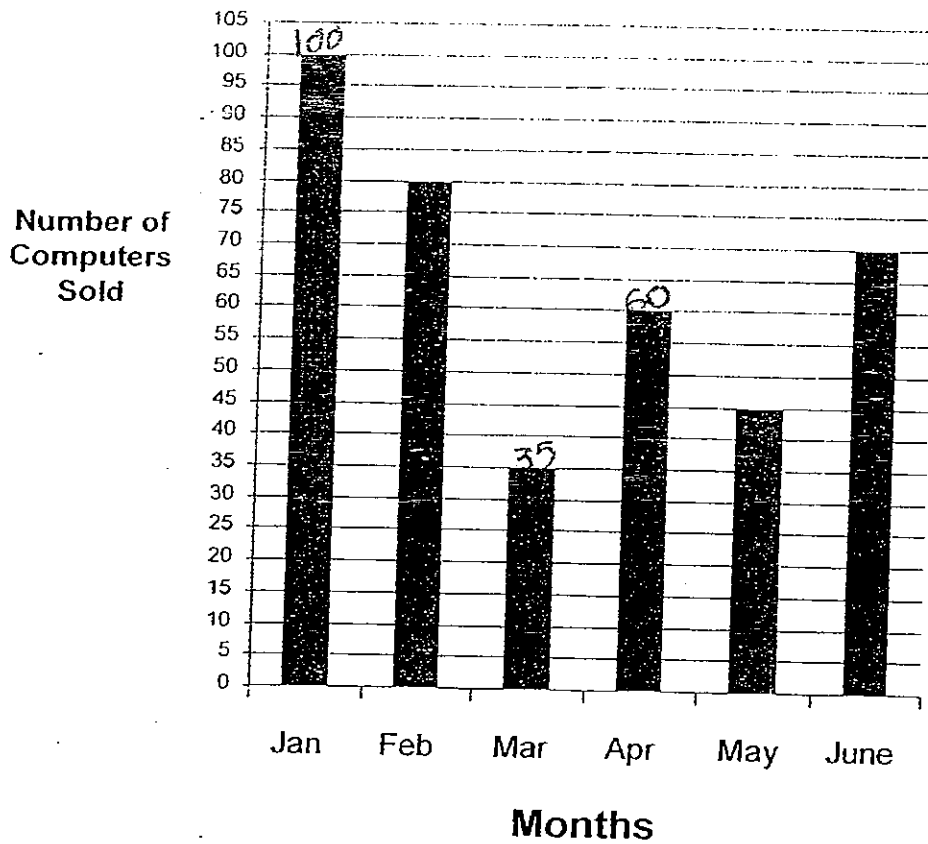
Ans: \_\_\_\_\_

23.  $9 \times 9 = (9 \times 5) + 9 + 9 + \square$

What is the missing number in the box?

Ans: \_\_\_\_\_

24. The graph shows the number of computers sold by Mr Li in 6 months.



How many more computers were sold in January than the total number of computers sold in March and April?

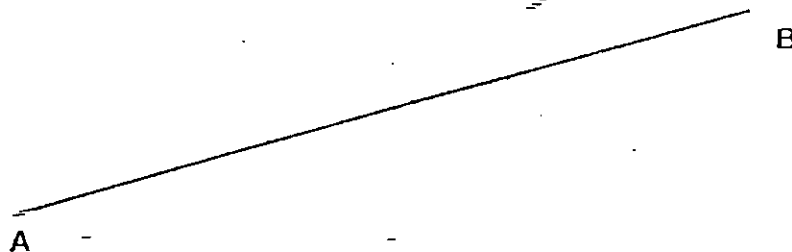
Ans: \_\_\_\_\_

25. Arrange the following fractions in ascending order.

$$\frac{2}{3}, \frac{1}{2}, \frac{5}{6}$$

26. Construct a perpendicular line to AB that passes through the point marked X.

• X



27. The length of the rectangle given below is 20 cm longer than its breadth.  
Find the area of the rectangle.



Ans: \_\_\_\_\_ cm<sup>2</sup>

28. Look at the following set of numbers.



Write the greatest number in words.

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29. Mary has 816 cm of ribbon. She uses half of it for her classroom decoration and another 67 cm for tying a present. How much ribbon has she left?

Ans: \_\_\_\_\_ cm

30. A can of orange juice is 300 ml. What is the minimum number of cans needed to fill up a container with a capacity of 2 litres?



Orange juice  
300 ml



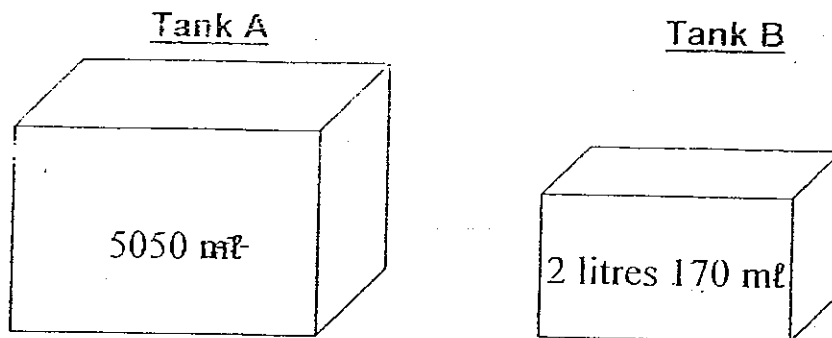
Container  
2 litres

Ans: \_\_\_\_\_

31. Mrs Li baked a cake. She gave  $\frac{1}{3}$  of the cake to Bala and  $\frac{1}{9}$  of the cake to Gopal. What fraction of the cake was left?

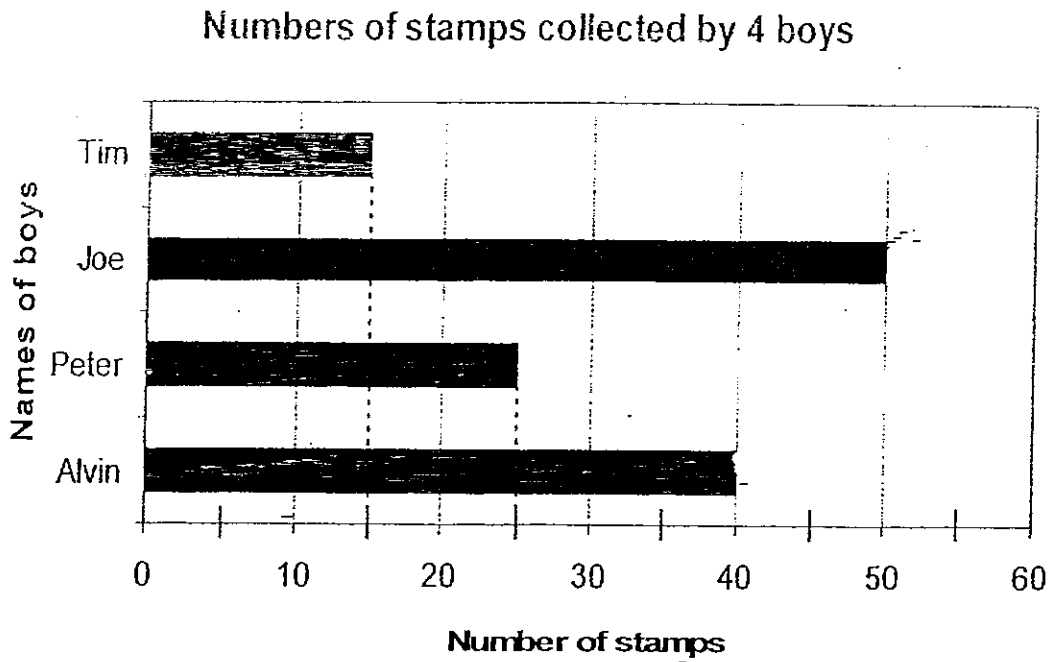
Ans: \_\_\_\_\_

32. Study the diagrams below.



The capacity of Tank A is \_\_\_\_\_ ℓ \_\_\_\_\_ ml more than the capacity of Tank B.

33. The graph shows the number of stamps collected by 4 boys.



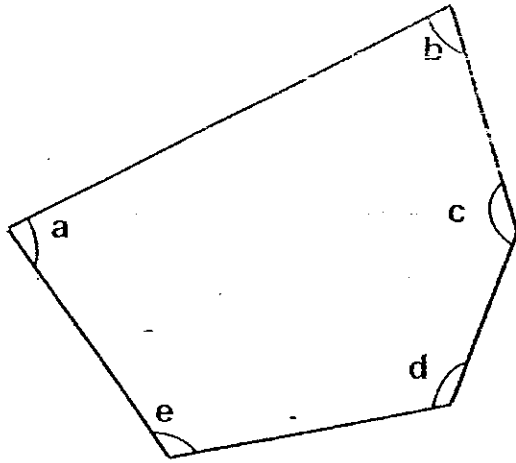
After Joe gave half of his stamps to Tim, Tim had \_\_\_\_\_ stamps **more than** Peter.

Ans: \_\_\_\_\_ stamps

34. Sheila bought a camera for \$420. She spent another \$135.50 on a new phone. She saved \$105.50 less than the total amount she had spent. How much did Sheila save?

Ans: \$ \_\_\_\_\_

35. Which of the 2 angles in the figure below are smaller than 1 right angle?



Ans: Angle \_\_\_\_\_ and  
Angle \_\_\_\_\_

36. Complete the number pattern.

7000, 6000, 6500, 5500,   A  , 5000, 5500,   B  .

Ans: A = \_\_\_\_\_

B = \_\_\_\_\_

37. Subtract 12 hundreds and 34 tens from 10 000.  
The answer is \_\_\_\_\_.

Ans: \_\_\_\_\_



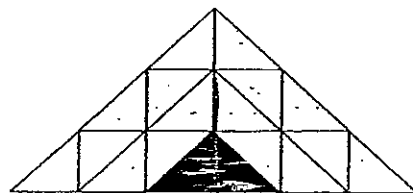
38. There is no remainder when the product of 14 and 4 is divided by me.  
I am an odd number between 2 and 10. What number am I?

Ans: \_\_\_\_\_

39. Jolie has \$75. Vellu has \$24.40 more than Jolie. Brad has \$16.50 less than Vellu. How much does Brad have?

Ans: \$ \_\_\_\_\_

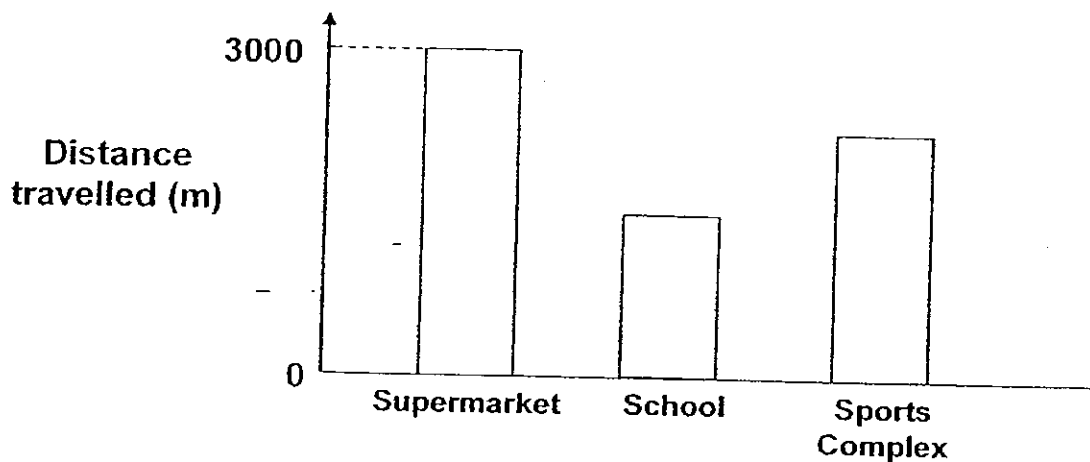
40. What fraction of the figure below is shaded?  
*Express your answer in simplest form.*



**SECTION C (20 marks)**

For question 41 to 46, show your working clearly in the space provided below each question and write your answer with suitable units in the spaces provided. All diagrams are not drawn to scale. Answers in fractions must be expressed in the simplest form. Marks will be awarded for relevant working. The number of marks available is shown in brackets [ ] at the end of each question or part-question.

41. The graph below shows the distance that Mdm Jamie travelled to 3 different places.



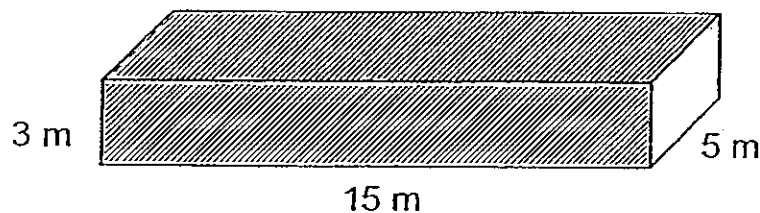
The distance travelled to school is half of the distance travelled to the supermarket, and the distance travelled to the sports complex is 450 metres more than the distance travelled to school. What was the total distance Mdm Jamie travelled to school and the sports complex?

Ans: \_\_\_\_\_ [3]

42. Jiawei took 35 minutes to jog from his house to the MRT Station. He decided to walk home from the MRT station after the jog. The amount of time he took to walk home is twice the time he took to jog to the MRT station. What time did he start jogging if he reached home at 10.30 a.m.?

Ans \_\_\_\_\_ [3]

43. The figure below is a rectangular box with 2 of its faces shaded. Find the total area of the 2 shaded faces.



Ans: \_\_\_\_\_ [3]

44. Mrs Tan made 450 chocolate and butter cookies altogether.  
She made twice as many butter cookies as chocolate cookies.  
Later, Mrs Tan gave 80 butter cookies and 30 chocolate cookies to her relatives.  
How many more butter cookies than chocolate cookies had she left?

Ans: \_\_\_\_\_ [4]

45. Nancy has some oranges.

The number of oranges she has is between 425 and 435.

If she packs them equally into boxes of 6 or boxes of 8, she will have no oranges left.

Find the number of oranges Nancy has.

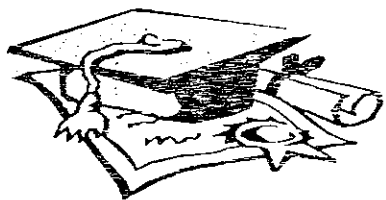
Ans: \_\_\_\_\_ [3]

46. Lily has a total of 20 ten-cents and fifty-cents coins.  
She has 10 more ten-cents coins than 50-cents coins.  
How much money does Lily have?

Ans: \_\_\_\_\_ [4]

-End of Paper-  
Please check your work carefully ☺

Setters: Mr Ronald Lee  
Ms June Low  
Mdm Roziyana Rahmat



# ANSWER SHEET

EXAM PAPER 2008

SCHOOL : RAFFLES GIRLS' PRIMARY SCHOOL  
 SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 2

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

Q18	Q19	Q20	Q21	Q22	Q23	Q24
2	3	4	7	496	18	5

25)  $3/6, 4/6, 5/6$

26)

27)  $125\text{cm}^2$

28) seven thousand nine hundred and nineteen

29)  $341\text{cm}$

30) 7

31)  $5/9$

32) 2L880ml

33) 15 stamps

34) 450

35) Angle B and Angle A

36)  $A=6000$   $B=4500$

37) 8460

38) 7

39) \$82.90

40)  $1/9$



41)  $3000 \div 2 = 1500$  (school)  
 $1500 + 450 = 1950$  (sports complex)  
 $1500 + 1950 = 3450$   
The total distance is 3km 450m.

42)  $35\text{min} + 35\text{min} = 70\text{min} = 1\text{h } 10\text{min}$   
 $10\text{h } 30\text{min} - 1\text{h } 10\text{min} = 9\text{h } 20\text{min}$   
 $9\text{h } 20\text{min} - 35\text{min} = 8\text{h } 45\text{min}$   
He started jogging at 8.45a.m.

43)  $5\text{m} + 3\text{m} = 8\text{m}$   
 $15\text{m} \times 8\text{m} = 120\text{m}^2$   
The total area is  $120\text{m}^2$ .

44)  $450 \div 3 = 150$   
 $150 \times 2 = 300$   
 $300 - 80 = 220$   
 $150 - 30 = 120$   
 $220 - 120 = 100$   
She has 100 more butter cookies than chocolate cookies.

45) Nancy has 432 oranges.

46)  $20 - 10 = 10$   
 $10 \div 2 = 5$   
 $10 + 5 = 15$   
 $15 \times 10 \text{ cent} = 150 \text{ cent}$   
 $5 \times 50 = 250 \text{ cent}$   
 $150 + 250 = 400 \text{ cent} = \$4$   
Lily has \$4.