

SA2

Maha Bodhi School
2005 Semestral Assessment 2
Mathematics

SECTION A (40 marks)	
SECTION B (40 marks)	
SECTION C (20 marks)	
TOTAL MARKS:	

Name _____ ()

Class Primary 3 ()

Date : 25 October 2005

Duration 1h 45 min

Parent's
Signature _____

Section A - Multiple-Choice Questions (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) and shade the number in the corresponding oval on the OAS.

1. In which of the following numbers does the digit 5 have the greatest value?

- (1) 1592
- (2) 2159
- (3) 5219
- (4) 9215

2. Which one of the following is the smallest odd number?

- (1) 2783
- (2) 2387
- (3) 2873
- (4) 2378

3. $4325 = 419 + \underline{\hspace{2cm}} + 906$

- (1) 3906
- (2) 3419
- (3) 3000
- (4) 1325

4. What is the biggest 4-digit number that can be formed with the digits 9, 3, 6, 5?


- (1) 9365
- (2) 9635
- (3) 9653
- (4) 9536

5. There are _____ digit '5' between 5 and 60.

- (1) 6
- (2) 14
- (3) 15
- (4) 16

6. Tom saved an equal amount of money each day from Monday to Friday. On Saturday and Sunday he saved \$4 altogether. He saved \$84 in a week. How much did he save on Monday?

- (1) \$8
- (2) \$12
- (3) \$16
- (4) \$19

7.  X 8 = 

7 X  = 672

What does  stand for?

- (1) 12
- (2) 56
- (3) 84
- (4) 96

8. Jenny has 15 ten-cent coins. How many more ten-cent coins does she need to make \$10?

- (1) 25
- (2) 85
- (3) 115
- (4) 850

9. 19 km 8 m = _____ m

- (1) 19800
- (2) 19008
- (3) 1980
- (4) 1908

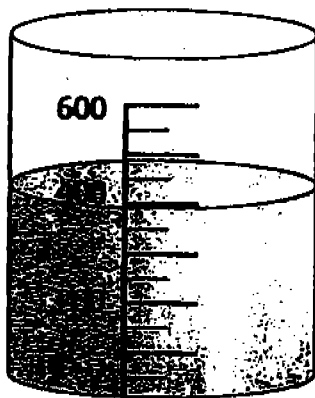
10. Jason is 1m 20 cm tall. His sister is 5 cm shorter than him. What is his sister's height in centimetres?

- (1) 115
- (2) 125
- (3) 1015
- (4) 1025

11. Peter and Daniel together weigh 67 kg. Peter weighs 3 kg more than Daniel. What is the mass of Peter?

- (1) 32 kg
- (2) 33 kg 500g
- (3) 35 kg
- (4) 36 kg 500g

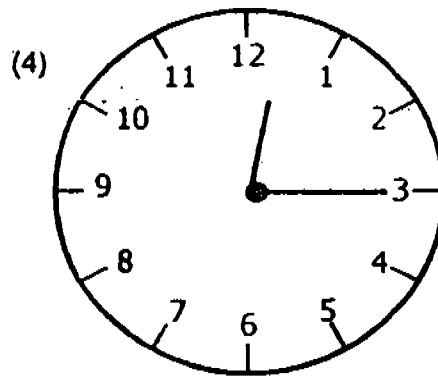
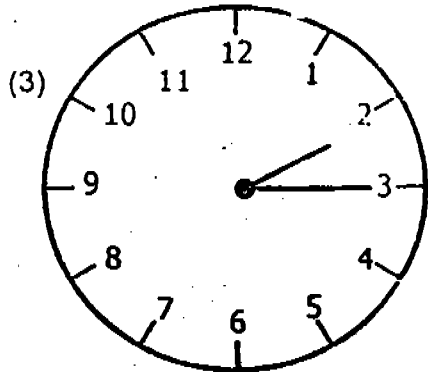
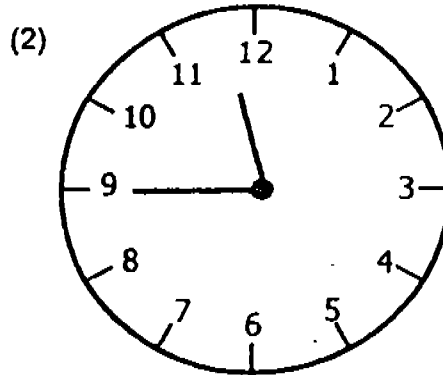
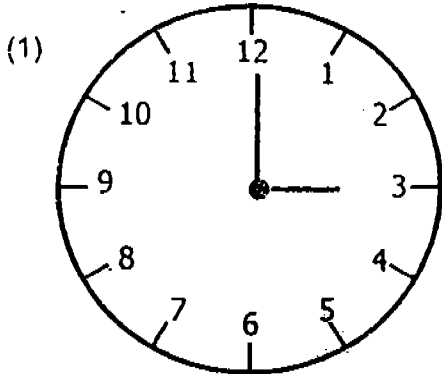
12. How much more water is needed to fill up the container to the 600-ml mark?



- (1) 100 ml
- (2) 200 ml
- (3) 400 ml
- (4) 500 ml

13. A digital clock shows this time 12 : 15

Which one of these clocks shows the same time?



14. $\frac{4}{6} = \frac{\square}{9}$

The missing value in the box is _____.

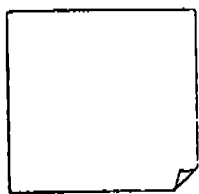
- (1) 5
(2) 6
(3) 7
(4) 8
15. A packet of groundnuts has a mass of 600 g.
What is the mass of 10 such packets of groundnuts?
- (1) 6 kg
(2) 60 kg
(3) 600 kg
(4) 6000 kg

16. What fraction of the figure below is shaded?



- (1) $\frac{1}{3}$
- (2) $\frac{2}{3}$
- (3) $\frac{1}{2}$
- (4) $\frac{5}{6}$

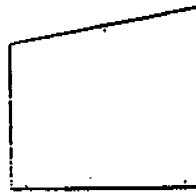
17. Which one of these figures has the least number of right angles?



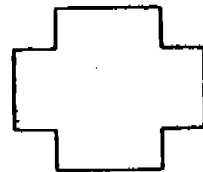
(1)



(2)



(3)



(4)

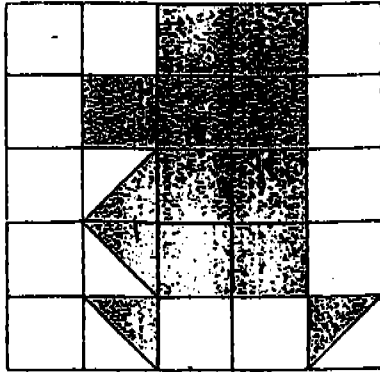
18. Here is a number pattern.

255, 365, 475, 585,

Which number is next in this pattern?

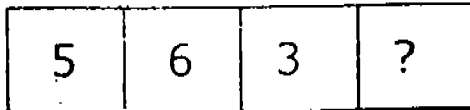
- (1) 695
- (2) 685
- (3) 605
- (4) 595

19. The area of each square is 1 cm^2 .
Find the area of the shaded figure.



- (1) 25 cm^2
 (2) 14 cm^2
 (3) 11 cm^2
 (4) 10 cm^2

20. The label below has a 4-digit number. However, the last digit has been erased.



If the 4-digit number can be divided equally by 2 and 5, what is the missing digit ?

- (1) 0
 (2) 2
 (3) 5
 (4) 4

*****END OF SECTION A*****

48

Section B: (20 x 2) marks

Show your working in the space. Marks will be awarded for correct method shown. Write your answers in the BOXES provided.

21. The value of the digit 6 in the number 6185 is _____

22. 3 min 15 s = _____ s

23. $972 \div 9 = 3 \times$ _____

24. Ahmad has 35 twenty-cent coins. He wants to change them for fifty-cent coins. How many fifty-cent coins can he have?

25. The sum of the following coins and note is _____

26. A cake costs \$5. Ali has \$183. How many cakes can he buy at most?

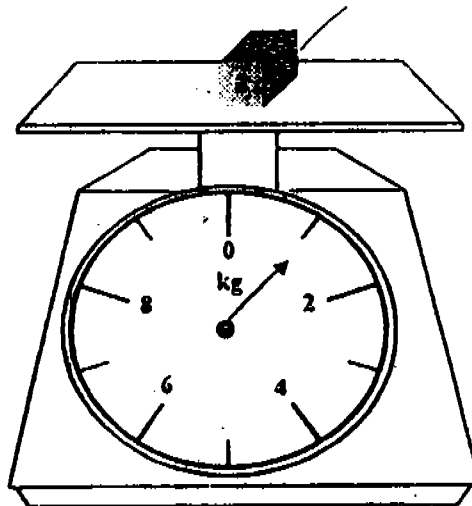
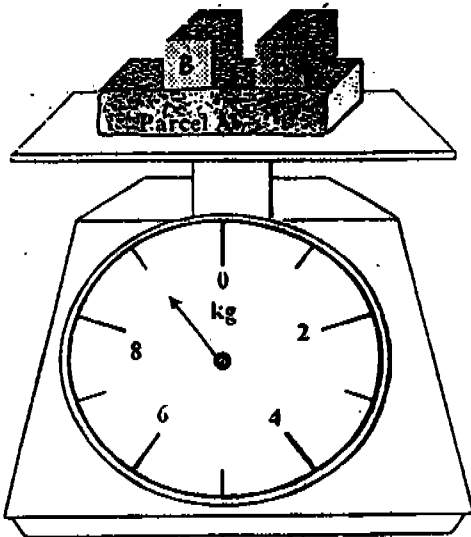
27. $14\ell 68\text{ ml} - 9\ell 83\text{ ml} =$ _____ ml

28. Which fraction is smaller, $\frac{2}{5}$ or $\frac{3}{10}$?

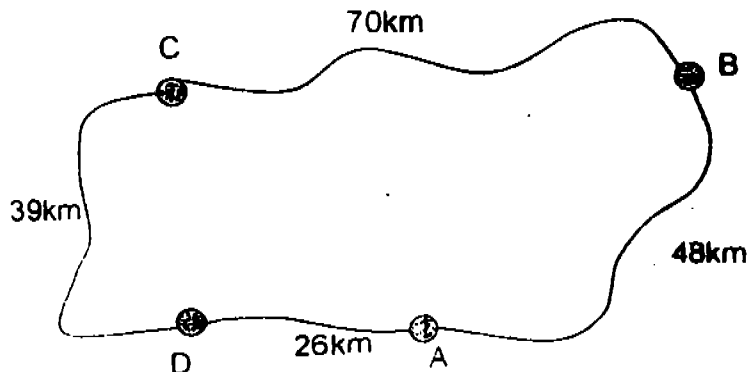
29. Write the fractions in order, beginning with the greatest.

$\frac{2}{3}$, $\frac{5}{6}$, $\frac{5}{12}$, 1

30. Read the scales carefully. Find the weight of Parcel A.

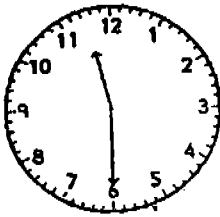

 kg

31. The figure shows the roads that connect four towns A, B, C and D. Mr Lim drives from Town A to Town C. If he takes the shorter route, how many kilometres less need he travel?

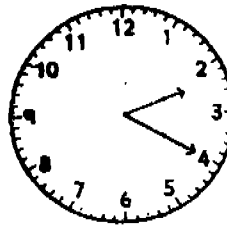

 km

8

32. The clocks show the time that Mary starts and ends her piano practice. How long does she practise?



Starts in the morning

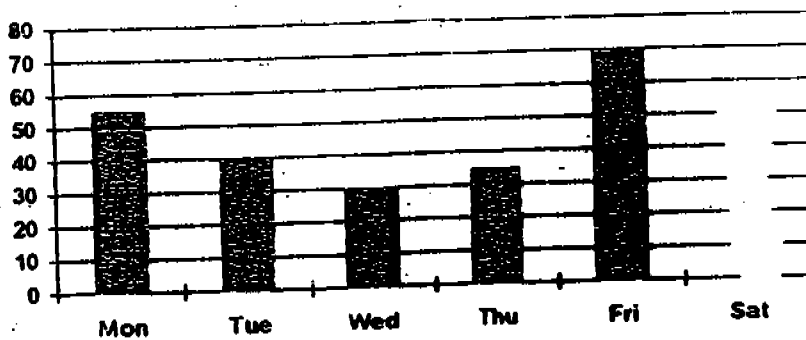


Ends in the afternoon

h min

Study the graph and then answer Questions 33 to 36.

Number of pupils in the library



33. How many visitors were in the library on Tuesday?

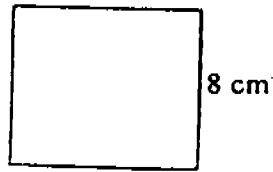
34. On which day was the number of pupils who visited the library twice the number who visited on Thursday?

35. How many more pupils visited the library on Monday than on Wednesday?

36. The number of pupils who visited the library on Saturday is 10 more than the number who visited on Tuesday. How many visitors were there on Saturday?

?

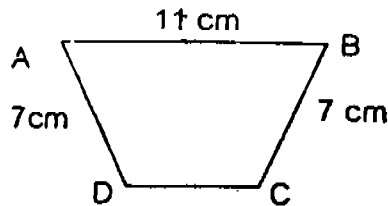
37. Find the area of the square whose side is 8 cm.


 cm²

38. Mr Sim runs twice round a rectangular field which is 8 m long and 4 m wide. What is the distance covered?

 m

39. The figure below has a perimeter of 30 cm. What is the length of DC?


 cm

40. Look at the columns of numbers.

41	42	•	•	•
36	37	38	•	•
31	32	33	34	35
26	27	28	29	30
21	22	23	24	25
16	17	18	19	20
Column 1	Column 2	Column 3	Column 4	Column 5

18 is in Column 3.

In which Column would you find 57?

*****END OF SECTION B*****

Section C: (5 X 4 marks)

For questions 41 to 45, write your answers in the spaces provided.

For each question, show your working clearly in the space below each question.

Write a statement for each step of the working shown.

41. A teapot is 4 times as heavy as a cup. If the cup is 315 g, find the total mass of the cup and the teapot. Give your answer in kg and g.

42. Tank A contains 8 l 500 ml of water which is 5 l 400 ml more than Tank B. If Tank C contains twice as much water as that of Tank B, what is the amount of water in Tank C?

//

43. Tom saves \$298 each month. His brother saves \$357 in 3 months. How much money do they save altogether in 6 months?

44. Susan bought 28 packets of plastic bags. There were 10 plastic bags in each packet. If she used up 217 plastic bags and bought another 7 packets of plastic bags, how many plastic bags had she now?

45. David's father is 42 years old. The total age of David and his mother is 49. Find the total age of three of them in 5 years' time.



Remember to check your work!
Every mark counts.

***** END OF PAPER *****

MAHA BODHI PRIMARY SCHOOL
PRIMARY 3 MATHEMATICS 2005
SEMESTRAL ASSESSMENT 2

ANSWER SHEETS

1. 3
2. 2
3. 3
4. 3
5. 3
6. 3
7. 1
8. 2
9. 2
10. 1
11. 3
12. 2
13. 4
14. 2
15. 1
16. 1
17. 3
18. 1
19. 3
20. 1
21. 6000
22. 195s
23. 36
24. 14
25. \$11.10
26. 36
27. 4985ml
28. $\frac{3}{10}$
29. $1, \frac{5}{6}, \frac{2}{3}, \frac{5}{12}$
30. 7kg
31. 53km
32. 2hr 50mins
33. 40
34. Friday
35. 25
36. 50
37. 64cm²
38. 48m
39. 5cm
40. Column 2
41. 1kg 575g
42. Tank B contains 3l100ml
 Tank C contains 6l200ml
43. \$2502
44. 133 plastic bags now
45. 106