Maha Bodhi School

2006 Continual Assessment 2

Mathematics

Name : _____( ) Date : 16 August 2006

Class : Pr 3 _____ Duration : 1 h 45 min

BOOKLET A

Section A : Multiple-Choice Questions (20 marks)
Questions 1 – 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) and shade the number in the corresponding oval on the OAS.

1. 5 thousands, 50 tens and 5 ones is _____.

   (1) 555
   (2) 5055
   (3) 5505
   (4) 5550

2. How many more hundreds are there in 2050 than 1950?

   (1) 1
   (2) 2
   (3) 3
   (4) 4

3. How many even numbers are there from 2 to 20?

   (1) 10
   (2) 18
   (3) 20
   (4) 22

4. Find the sum of 1240 and 5369.

(1) 3871
(2) 4929
(3) 6509
(4) 6609

5. Susan has 3047 stamps. She has 878 less stamps than Mary. How many stamps does Mary have?

(1) 2169
(2) 3815
(3) 3925
(4) 4803

6. 5123 – 1234 = _____ + 456.

(1) 3433
(2) 3889
(3) 4345
(4) 5901

7. If $\Delta + \square = 18$,
$\Delta + \Delta + \Delta = 21$,
$\Delta + O + O = 19$
then $O + \square =$ _____

(1) 11
(2) 17
(3) 20
(4) 23

8. What is the quotient when we divide 950 by 4?

(1) 237
(2) 2
(3) 247
(4) 4

9. How much does Peilin have to pay for 700g of grapes?

$2 for 100 g

(1) $7
(2) $10
(3) $14
(4) $17

10. Which of the following leaves a remainder when divided by 5?

(1) 476
(2) 690
(3) 875
(4) 965

11. Mary saved 10 ten-cent coins, 15 five-cent coins, 6 two-dollar notes and 4 ten-dollar notes. How much did she save altogether?

(1) $12.85
(2) $13.75
(3) $52.85
(4) $53.75

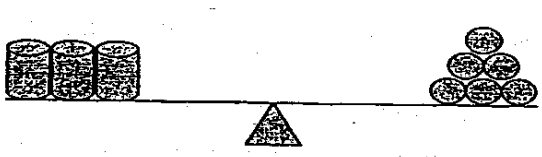
12. A blouse costs $19 and a skirt costs $14.90. Joyce bought a blouse and 2 skirts. How much did she spend?

(1) $33.90
(2) $48.80
(3) $52.90
(4) $67.80

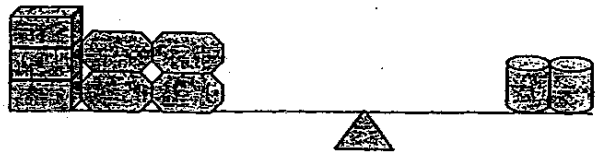
13. 40 km 8 m is the same as _____ m.

(1) 40 008
(2) 40 080
(3) 40 800
(4) 48 000

14. Based on Scale 1 and Scale 2, which of the following can balance scale 3?

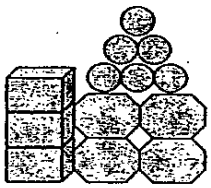


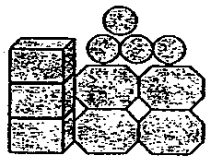
Scale 1

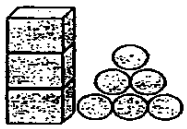


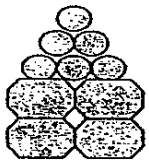
Scale 2

Scale 3

(1) 

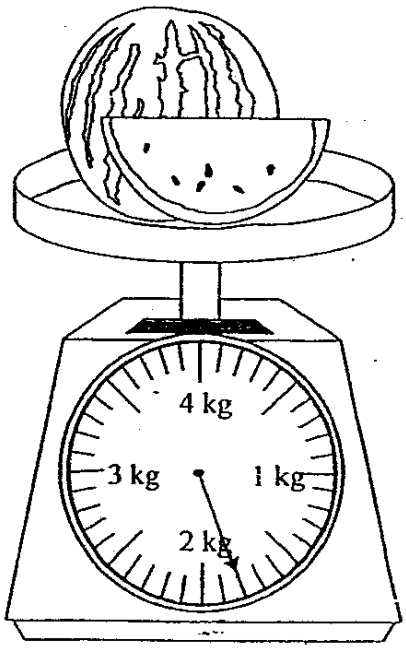
(2) 

(3) 

(4) 

15. What is the reading on the scale?

(1) 1600 g
(2) 1700 g
(3) 1800 g
(4) 1900 g



16. After cutting 8 pieces of ribbon, each 45 cm long, Jeremy has 28 cm of ribbon left. What was the length of the ribbon at first?

(1) 269 cm
(2) 332 cm
(3) 360 cm
(4) 388 cm

17. A jug can hold 325 ml of water. A pail can hold 1 ℓ 300 ml of water. How many jugs can the pail fill?

(1) 7
(2) 6
(3) 5
(4) 4

18. Which of the following fractions is the greatest?

(1) $\frac{1}{8}$

(2) $\frac{1}{9}$

(3) $\frac{1}{10}$

(4) $\frac{1}{11}$

19. Which of the following fraction is <u>not</u> equivalent to $\frac{8}{24}$?

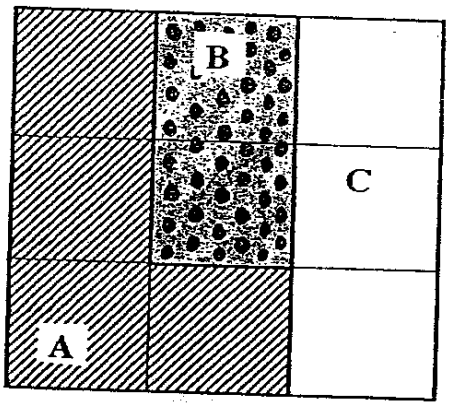
(1) $\frac{1}{3}$

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

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

(4) $\frac{4}{12}$

20. The figure has 9 identical squares. It is divided into 3 parts: A, B and C. Which of the following 2 parts will add up to form $\frac{7}{9}$ of the figure?



(1) A + B

(2) B + C

(3) A + C

(4) A + B + C

Maha Bodhi School

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Mathematics

Name : _____ ( )

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Date : 16 August 2006

Parent's Signature : _____

Section A (~~20~~ 40 marks)	
Section B (~~30~~ 40 marks)	
Section C (~~50~~ 20 marks)	
Total (100 marks)	

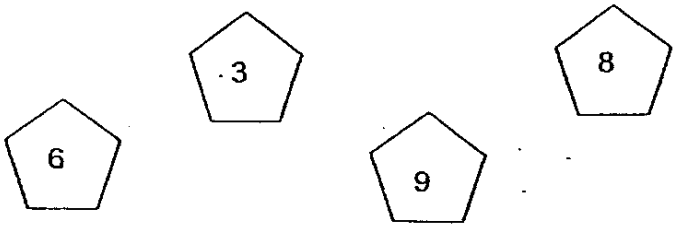
BOOKLET B

Section B: (20 marks)
Each question from 21 – 40 carries 2 marks each.
Write your answer in the ***SPACES*** provided.
Give your answers in the units stated.

21. Write 9201 in words.

Ans : _____

22. Form the largest 3-digit odd number with the digits below.



Ans: _____

23. Find the missing number in the box.

$$\begin{array}{r} 7\,057 \\ -\ \square 47 \\ \hline 6\,110 \end{array}$$

Ans: _____

23

24. Complete the following number pattern.

981 , ___?___ , 1184 , 1285, 1387, 1488

Ans:_____

25. 610 = _____ tens

Ans:_____

26. What is the remainder when 794 is divided by 3?

Ans:_____

27. When some chocolates are shared equally among 8 children, each of them gets 5[illegible] chocolates. If the same number of chocolates is shared equally among 4 children, hov many chocolates will each get?

Ans:_____

28. 216 × 9 = _____ × 8 × 9

Ans:_____

29. A television set costs $240 more than an oven. If the television set costs $860, find the costs of two similar ovens.

Ans: $ _____

30. The cost of a papaya is the same as 4 apples. The papaya cost $1.60. Christine bought one papaya and 8 apples. How much change would she get if she gave the cashier $10?

Ans: $ _____

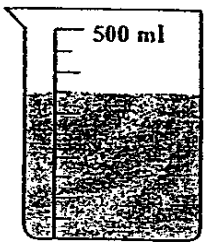
31. 6 lampposts were placed in a row at equal distances apart. The distance between the 1st lamppost and the 6th lamppost is 30 m. What is the distance between the 1st lamppost and the 2nd lamppost?

Ans: _____ m

32. Joanne and Danny have a total mass of 56 kg 980 g. Danny and Adrian have a total mass of 64 kg 700 g. How much heavier is Adrian than Joanne?

Ans: _____ kg _____ g

33. What is the volume of water in the measuring cylinder?



Ans: _____ ml

34. Tank A has a capacity of 23 ℓ 130 ml. Tank B has a capacity which is 5 ℓ 70 ml more than Tank A. What is the capacity of Tank B?

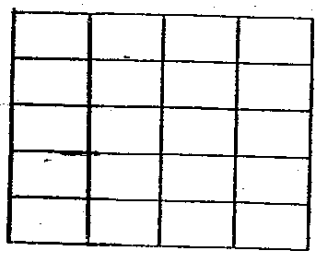
Ans: _____ ℓ _____ ml

25

35. Jessica made a drink by mixing 125 ml of fruit syrup with 4 cups of water. If the capacity of the cup is 350 ml, what is the amount of drink she made?

Ans: _____ ml

36. Shade $\frac{1}{4}$ of the figure below.



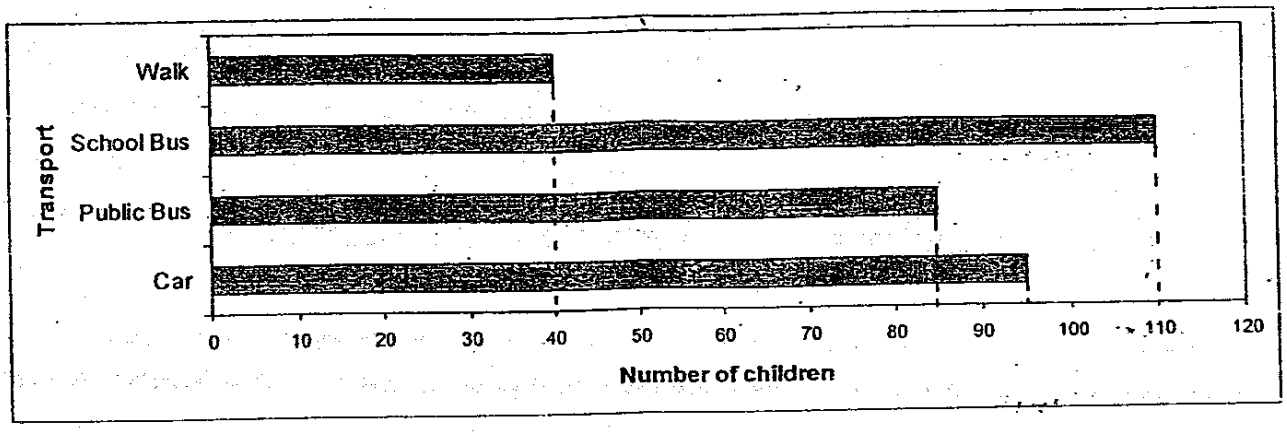
37. $\frac{2}{7} + \frac{1}{7} + \frac{1}{7} + \square = 1$

The fraction in the box is _____.

Ans: _____

26

The graph below shows the different ways children from ABC Primary school get to school. Study the graph and answer questions 38 to 40.



38. How many children went to school by car?

Ans: _____ children

39. There are _____ fewer children walking to school than taking a school bus to school.

Ans: _____ children

40. How many children take the public bus and school bus to school?

Ans: _____ children

27

Section C: (20 marks)
For questions 36 to 48, write your answers in the spaces provided.
For each question, show your working clearly in the space below each question.
The number of marks for each question or part-question are shown in the brackets [ ].
Write a statement for each step.

41. Alvin has 244 collar pins.
Peter has twice as many collar pins as Alvin.
How many collar pins do they have altogether?

Ans : _____ [4]

42. Jane had 756 paper clips. He put them into bags of 8 each.
(a) How many bags of paper clips were there?

(b) How many paper clips were left over?

Ans : (a) _____ [2]

Ans : (b) _____ [2]

28

43. The total length of three planks is 9 m 17 cm. The 2nd plank is twice as long as the 1st plank. The 3rd plank is twice as long as the 2nd plank.
(a) What is the length of the 2nd plank?
(b) What is the difference in length between the 1st and the 3rd plank?

Ans : (a) _____ [2]

Ans : (b) _____ [2]

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44. There is 3 kg 450 g of milk powder in a tin. Mrs Huang uses 34 g of it to make a glass c milk. She then puts the remaining milk powder equally into 4 cans. How much mil powder does one can contain?

Ans : _____ [4

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45. Melanie and Leo went to Sentosa. Melanie had $20 more than Leo. They had $100 altogether. Each of them spent $33 on tickets. Melanie spent $4.50 on snacks and soft drinks while Leo spent $3.80.

(a) How much money had Melanie at first?

(b) How much money had Leo left?

Ans : (a) _____ [2]

Ans : (b) _____ [2]

Remember to check your work!
Every mark counts.

--End of Paper --

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Answer Sheets

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

21. Nine thousand two hundred and 1.

22. 983

23. 7057 – 6110 = **9**47

24. 981, **1082**, 1184, 1285, 1387, 1488

25. 610 = 610 ÷ 10
= **61** tens

26. 794 ÷ 3 = 264 **r2**

27. 58 x 8 = 464 chocolates
464 ÷ 4 = 116 chocolates

28. 216 x 9 = **27** x 8 x 9
1944 = 1944

29. TV = $860.00
Oven = $860 – $240
= $620.00
= $620 x 2
2 ovens = $1240.00

30. 1 papaya = $1.60
4 apples = $1.60
1 apple = $0.40¢
8 apples = $0.40 x 8 = $3.20
$(1.60 + 3.20) = $4.80
$(10.00 – 4.80) = **$5.20** change

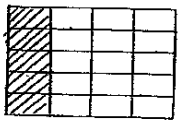
31. 1st and 6th lamppost = 30m
6th – 1st = 5
1st and 2nd lamppost = 30 ÷ 5
= 6m

32. Danny + Joanne = 56kg 980g
Danny + Adrian = 64kg 700g
(64kg 700g – 56kg 980g) = 7kg 720g

33. 7 x 50 = 350mℓ

34. Tank A = 23ℓ 130mℓ
Tank B = 23ℓ 130mℓ + 5ℓ 70mℓ
= 282000
= 28ℓ 200mℓ

35. 350mℓ x 4 = 1400mℓ
1400mℓ + 125mℓ = 1525mℓ

36. 

$\frac{1}{4} = \frac{5}{20}$

37. $\frac{2}{7} + \frac{1}{7} + \frac{1}{7} + \frac{3}{7} = 1$

38. By car = 95 children

39. Walking = 40
School bus = 110
110 – 40 = 70 children

40. Public bus = 85
School bus = 110
110 + 85 = 195 children

41. Alvin = 244 collar pins
Peter = 244 x 2 = 488 collar pins
= 488 + 244
= 732

They have **732 collar pins** altogether.

42a. 756 paper clips ÷ 8
= 94 r4

b. **4 paper clips** left over

43. 1st = 1 unit
2nd plank = 2 units
3rd plank = 2 x 2 = 4 units
(4 + 2 + 1) = 7 units
9m 17cm = 917cm ÷ 7
= 131cm

(a) 2nd plank = 131 x 2 = 262m

The 2nd plank is **262m**

(b) 3rd plank = 131 x 4 = 524m
524m – 137m = 387m
The different between the 1st and 3rd is **387m**

44. 3kg 450g = 3450g
3450 – 34 = 3416g
3416 ÷ 4 = 854g
Each can contain **854g milk powder**.

45a. $100 – $20 = $80
$80 ÷ 2 = $40

Melanie = $40.00 + $20
= $60.00
Melanie has **$60.00** at first

b. Leo = $40 – $33
= $7
= $7.00 – $3.80
= $3.20
Leo has **$3.20** left