

**Maha Bodhi School**  
**2009 Continual Assessment 1**  
**Mathematics**

Name : \_\_\_\_\_ (    )

Date : 3 March 2009

Class : Pr 3 \_\_\_\_\_

Duration : 1 h 45 min

**BOOKLET A**

**Section A : Multiple-Choice Questions (40 marks)**

Questions 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). Shade the oval (1, 2, 3 or 4) on the Optical Answer Sheet.

1. 6803 is the same as \_\_\_\_\_.

- (1)  $600 + 80 + 3$
- (2)  $600 + 800 + 3$
- (3)  $6000 + 80 + 3$
- (4)  $6000 + 800 + 3$

2. How many tens are there in 3700 ?

- (1) 700
- (2) 370
- (3) 3
- (4) 37

3. Which one of the following is arranged in order, beginning with the biggest ?

- (1) 2468 , 2486 , 2648 , 2804
- (2) 2486 , 2468 , 2648 , 2804
- (3) 2804 , 2648 , 2486 , 2468
- (4) 2804 , 2486 , 2468 , 2648

4. Which one of the following statements is true about A and B ?

$$\begin{array}{r} A B B B \\ + \quad A A B \\ \hline B 0 0 0 \end{array}$$

- (1) A is greater than B.  
(2) A is smaller than B.  
(3) Both A and B are odd numbers.  
(4) Both A and B are even numbers.
5. The difference between two numbers is 754 .  
If the smaller number is 269, find the larger number .
- (1) 485  
(2) 1023  
(3) 1239  
(4) 1292
6. Mrs Gopal made 2895 muffins. She made 928 fewer muffins than Mrs Lee.  
How many muffins did they make altogether ?
- (1) 1967  
(2) 3823  
(3) 4862  
(4) 6718
7. What is the missing number in the box ?
- $$\boxed{\phantom{000}} - 200 = 10 + 350$$
- (1) 160  
(2) 360  
(3) 560  
(4) 760

8. Complete the number pattern below:

64 305 , 64 320 , \_\_\_\_\_ , 64 365 , 64 395

- (1) 64 335
- (2) 64 340
- (3) 64 345
- (4) 64 350

9. The digits in the boxes are the same .

$$\begin{array}{r} \phantom{+} 3 \phantom{0} 5 \phantom{0} 8 \phantom{0} 4 \\ + 4 \phantom{0} \boxed{?} \phantom{0} \boxed{?} \phantom{0} 8 \\ \hline \phantom{+} 8 \phantom{0} 2 \phantom{0} 5 \phantom{0} 2 \end{array}$$

Which of the following is the correct value of the missing digits ?

- (1) 6 tens
- (2) 66 tens
- (3) 6 hundreds
- (4) 66 hundreds

10. While skipping, Fiona counted, ".....20, 24, 28, 32".  
Which of the following is the correct statement to describe the way she counted ?

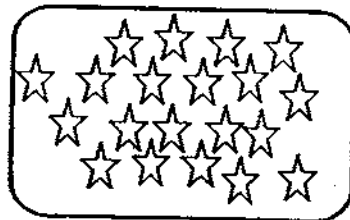
- (1) Fiona is counting in twos.
- (2) Fiona is counting in threes.
- (3) Fiona is counting in fours.
- (4) Fiona is counting in fives.

11. Gary has 268 marbles. Li Ming has twice as many marbles as Gary .  
How many marbles do they have altogether ?

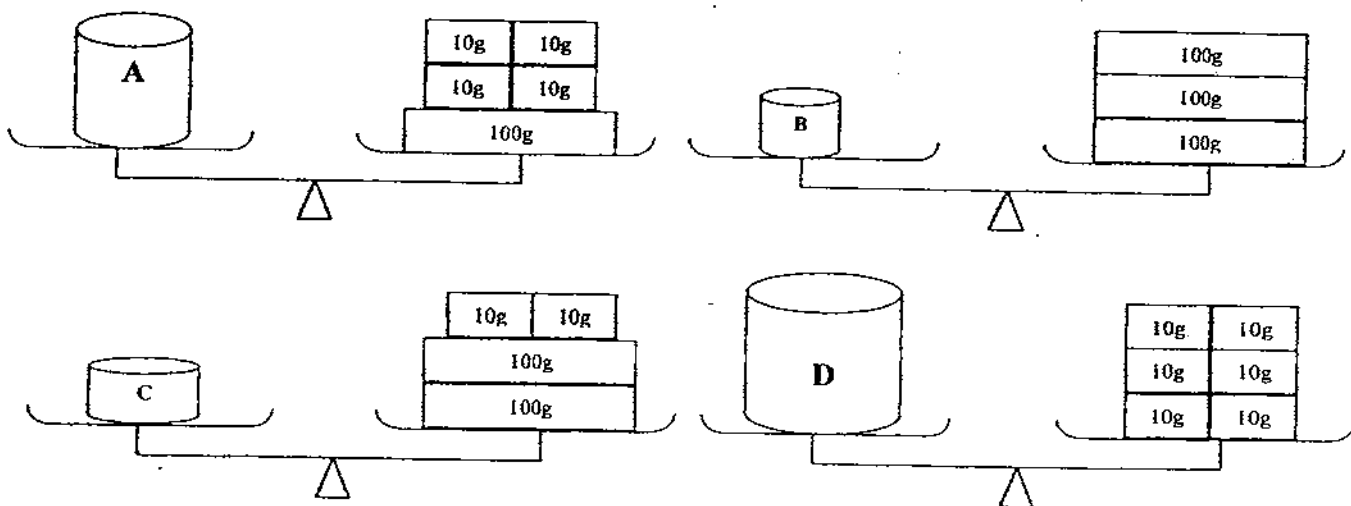
- (1) 270
- (2) 536
- (3) 804
- (4) 1072

12. Mrs Tan baked 20 star shaped cookies. She divided them equally among her 4 children. How many cookies did each child get ?

- (1) 80
- (2) 24
- (3) 5
- (4) 4



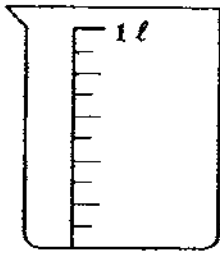
13.



Which of the following container shown above has the greatest mass ?

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

14.





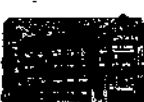





200 ml mug

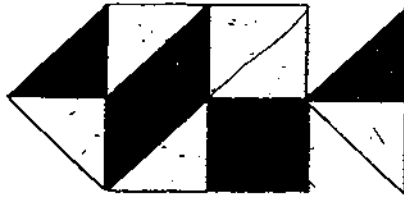
How many mugs of water are needed to fill up the container to the 1 l mark ?

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

15. Which route is the shortest way to take to go to school from home ?

	School	Home
(1)		
(2)		
(3)		
(4)		

16. The figure below shows 4 similar squares and 4 similar triangles. What fraction of the figure below is shaded ?



- (1)  $\frac{1}{2}$
- (2)  $\frac{1}{3}$
- (3)  $\frac{2}{3}$
- (4)  $\frac{3}{8}$
17. 4 twenty-cent coins and 2 fifty-cent coins is the same as \_\_\_\_\_.
- (1) \$0.70
- (2) \$1.20
- (3) \$1.30
- (4) \$1.80
18. Sally saves 80¢ a day and Judith saves 60¢ a day. How much will they save altogether in three days ?

- (1) \$ 1.40
- (2) \$ 1.80
- (3) \$ 2.40
- (4) \$ 4.20

19. Zhen Yu went to Sunny Bookshop. He saw the following items .



A box of  
colour pencils  
\$3.50



A packet of  
sharpeners  
\$2.00



A comic book  
\$8.50



A packet of erasers  
\$6.00

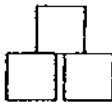
He has \$10.00 to spend. Which of the following items can he buy ?

- (1) A box of colour pencils and a comic book.
- (2) A packet of erasers and a comic book.
- (3) A box of colour pencils and a packet of erasers.
- (4) A packet of sharpeners and a comic book.

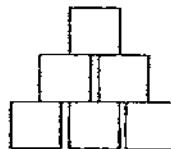
20. How many squares are there in the 7<sup>th</sup> pattern ?



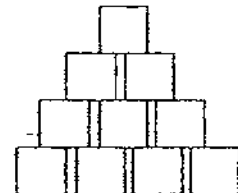
1st Pattern



2nd Pattern



3rd Pattern



4th Pattern

- (1) 21
- (2) 28
- (3) 36
- (4) 45



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Class : Pr 3 \_\_\_\_\_

Duration : 1 h 45 min

Date : 3 March 2009

Parent's Signature : \_\_\_\_\_

Section A ( 40 marks )	
Section B ( 40 marks )	
Section C ( 20 marks )	
Total ( 100 marks )	

**BOOKLET B**

**Section B ( 40 marks )**

Questions 21 to 40 carry 2 marks each.

Show your working clearly in the space provided for each question and write your answers in the spaces provided.

Give your answers in the units stated. Marks will be awarded for correct method shown.

21. Write six thousand and eighty-one in numerals .

Answer : \_\_\_\_\_

22. What is the largest 4-digit odd number that can be formed using the digits 6 , 9 , 0 , 2 ?

Answer : \_\_\_\_\_



23. The sum of 331 and 195 is \_\_\_\_\_.

Answer : \_\_\_\_\_

24. There are 1329 children in a stadium. If there are 450 boys, how many more girls than boys are there in the stadium ?

Answer : \_\_\_\_\_

25.  $3210 = 912 + \square$

Answer : \_\_\_\_\_

26. Complete the number pattern below .

28	35	(i)	(ii)	56
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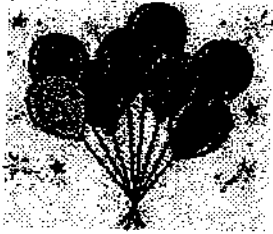
Answer : (i) \_\_\_\_\_

(ii) \_\_\_\_\_

27. A table costs thrice as much as a chair. If a chair costs \$57 , what is the cost of 2 tables ?

Answer : \$ \_\_\_\_\_

28. Mrs. Tan bought some balloons for a party. There were 9 children at the party. She gave each child 8 balloons. How many balloons did she give to the children ?



Answer : \_\_\_\_\_ balloons

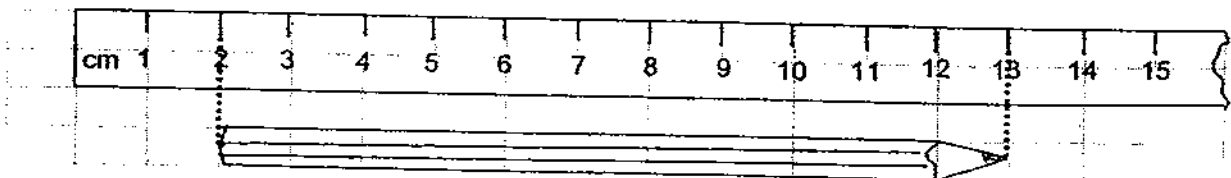
29. There are 125 marbles in 5 boxes. How many marbles are there in each box ?

Answer : \_\_\_\_\_ marbles

30. Tom had 9 packets of sweets. Each packet contained 50 sweets . He repacked the sweets equally into 3 bags . How many sweets did he put into each of the 3 bags ?

Answer : \_\_\_\_\_ sweets

31. The pencil below is about \_\_\_\_\_ cm long .



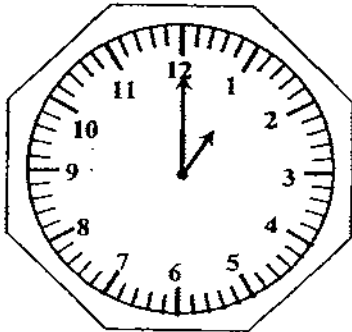
Answer : \_\_\_\_\_ cm

32. A baker needs 1000 g of flour to bake some cakes. He has only 250 g of flour. How much **more** flour does he need to buy ?



Answer : \_\_\_\_\_ g

33. Susan arrived at the library at 1 p.m. She left the library one and a half hour later. At what time did she leave the library ?



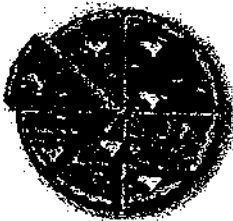
Answer : \_\_\_\_\_ p.m.

34. Arrange the fractions in order , beginning with the greatest .

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






Answer : \_\_\_\_\_

35. A pizza was cut into 8 equal pieces. If  $\frac{3}{8}$  of the pizza was eaten , what fraction of the pizza was left ?



Answer : \_\_\_\_\_

The graph shows the favourite fruit of a group of children.  
 Look at the graph below and answer questions 36 and 37.

Apple	
Orange	
Bananas	
Water Melon	
Guava	

Each  stands for 9 children.

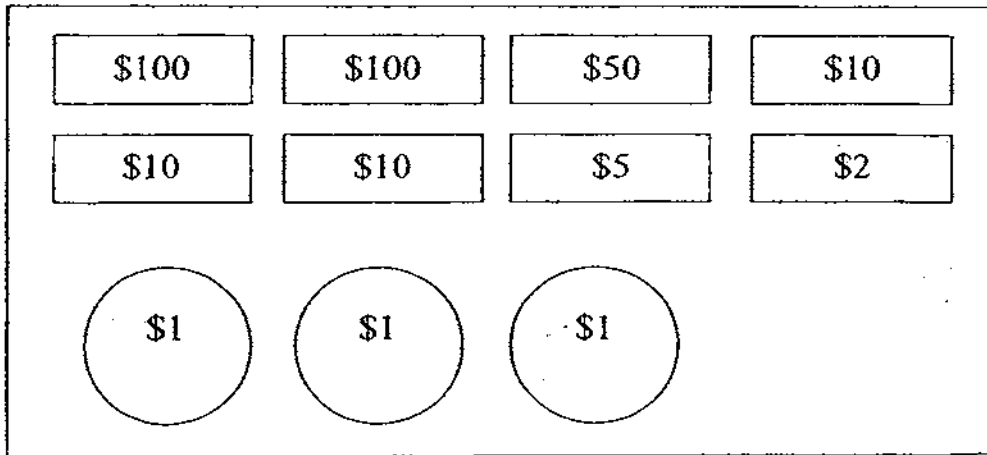
36. How many **more** children choose guava than orange as their favourite fruit ?

Answer : \_\_\_\_\_ children

37. The number of children who love bananas is twice the number of children who love \_\_\_\_\_.

Answer : \_\_\_\_\_

38. What is the total amount of money shown in the box below?



Answer : \$ \_\_\_\_\_

39. Ben's mother gave him \$5. He spent \$2.90 and saved the rest. How much did Ben save ?

Answer : \$ \_\_\_\_\_

40. 5 dresses and a blouse cost \$528. If 3 such dresses and a blouse cost \$348, what is the cost of a dress ?

Answer : \$ \_\_\_\_\_

**Section C ( 20 marks )**

Questions 41 to 45 carry 4 marks each.

Show your working clearly in the space below each question .

Write a statement for each step .

41. There are 564 more blue pens than red pens in a shop. There are 317 fewer green pens than red pens in the shop. If there are 1140 green pens, how many blue pens are there in the shop?

42. A shop has 2000 books.  
The table below shows the number of books that the shop sold.  
If the number of books sold in October is 222 less than the number of books sold in December, how many books were left unsold ?

October	?
November	541
December	678
Unsold	?

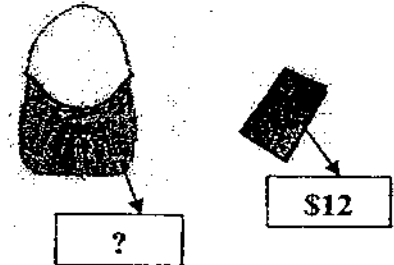
43. There were some motorcycles and cars parked at a carpark .  
There were 48 wheels altogether. If there were 6 motorcycles ,  
how many cars were there ?



44. Mrs Ramesh baked some brownies. She gave away 26 brownies to her neighbour  
and put the rest equally on 6 plates. There were 5 brownies on each plate.  
(a) How many brownies did she bake ?  
(b) If she needs to use 1 egg for every 8 brownies that she bakes ,  
how many eggs did she use for all the brownies ?

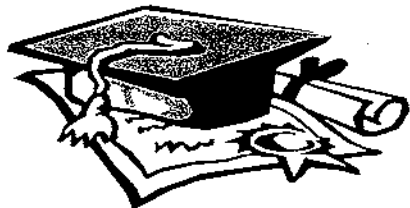


45. Lily had \$100. She gave \$10 to Tom and they both had the same amount of money.
- (a) How much money did Tom have at first ?
  - (b) After buying the wallet and the handbag shown below , Lily had \$60 left . How much did the handbag cost ?



*Remember to check your work!  
Every mark counts.*



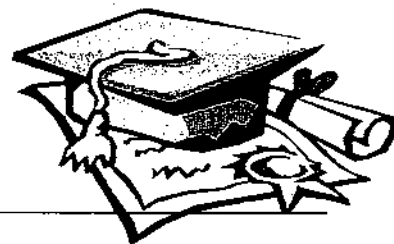


# ANSWER SHEET

**EXAM PAPER 2009**

**SCHOOL : MAHABODHI PRIMARY  
SUBJECT : PRIMARY 3 MATHEMATICS**

**TERM : CA1**



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

Q18	Q19	Q20
4	3	2

21)6081    22)6209    23)526    24)429    25)2298    26)i)42 ii)49

27)\$342    28)72    29)25    30)150    31)11    32)750

33)2.30    34)  $\frac{1}{2}$  ,  $\frac{1}{3}$  ,  $\frac{1}{5}$     35) $\frac{5}{8}$     36)27    37)orange

38)\$290    39)\$2.10    40)\$90

41)  $1140+317=1457$

There are 1457 red pens in the shop.

$$1457+564=2021$$

There are 2021 blue pens in the shop.

42)  $678-222=456$

The number of books sold in October was 456.

$$678+541+456=1675$$

The 3 months sold 1675 books altogether.

43)  $6 \times 2 = 12$

There were 12 motorcycles wheels.

$$48-12=36$$

There were 35 car wheels.

$$36 \div 4 = 9$$

There were 9 cars.

**44)a)  $6 \times 5 = 30$**

**She has 30 brownies left.**

**$30 + 26 = 56$**

**She baked 56 brownies.**

**b)  $56 \div 8 = 7$**

**She used 7 eggs for all the brownies.**

**45)a)  $10 \times \$2 = \$20$**

**$\$100 - \$20 = \$80$**

**Tom has \$80 at first.**

**b)  $\$90 - \$60 = \$30$**

**She spent \$30.**

**$\$30 - \$12 = \$18$**

**The handbag costs \$18**