



**Maha Bodhi School**  
**2006 Semestral Assessment 1**  
**Mathematics**

Name : \_\_\_\_\_ (     )

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

Duration : 1 h 45 min

Date : 9 May 2006

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

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

**Section A ( 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. Which digit in 9876 is in the hundreds place?

- (1) 9
- (2) 8
- (3) 7
- (4) 6

2. Which one of the following has the same value as 4609?

- (1)  $4 + 6 + 0 + 9$
- (2)  $4000 + 6 + 9$
- (3)  $4000 + 60 + 9$
- (4)  $4000 + 600 + 9$

3. In the number pattern 15, 17, 20, 24, the next number to follow is \_\_\_\_\_.

- (1) 26
- (2) 27
- (3) 28
- (4) 29

4. There are \_\_\_\_\_ hundreds in 4500.
- (1) 4500
  - (2) 450
  - (3) 45
  - (4) 4
5. I am an odd number between 24 and 30. I am not in the multiplication tables of 3 and 5.  
What number am I?
- (1) 23
  - (2) 25
  - (3) 27
  - (4) 29
6. Aston has 3 times as many rubber bands as Roy.  
If Aston has 72 rubber bands, how many rubber bands does Roy have?
- (1) 216
  - (2) 48
  - (3) 24
  - (4) 18
7. Tom has 68 marbles. Jerry has 40 marbles. How many marbles must Tom give to Jerry so that they both will have the same number of marbles?
- (1) 7
  - (2) 14
  - (3) 28
  - (4) 42
8. A library has a total of 5900 books. 2578 of the books are English books. 998 are Malay and Tamil books and the rest are Chinese books.  
How many Chinese books are there?
- (1) 1326
  - (2) 2324
  - (3) 3322
  - (4) 4902

9. Which one of the following numbers can be divided by 5 without leaving a remainder?

- (1) 2378
- (2) 5137
- (3) 7263
- (4) 9110

10. Mrs Wong put 92 cupcakes into boxes. Each box had 4 cupcakes. How many boxes did she use?

- (1) 23
- (2) 88
- (3) 96
- (4) 368

11. When a number is divided by 6, it gives a quotient of 78 and a remainder of 2. What is the number?

- (1) 156
- (2) 468
- (3) 470
- (4) 624

12.  $\odot + \odot + \odot = 180$   
 $\ominus + \ominus + \ominus + \ominus + \odot = 504$   
 $\ominus + \odot = \underline{\hspace{2cm}}$

- (1) 171
- (2) 324
- (3) 684
- (4) 1008

13. Which one of the following is a likely length of a classroom whiteboard?

- (1) 4000 cm
- (2) 400 cm
- (3) 40 cm
- (4) 4 cm

14. A straw is 35cm long. A stick is 1m 75cm longer than the straw. What is the total length of the straw and the stick?
- (1) 1 m 10 cm
  - (2) 1 m 40 cm
  - (3) 2 m 10 cm
  - (4) 2 m 45 cm
15. A box of chocolate weighs 740 g. A tin of biscuits is heavier by 950 g. Find the mass of 2 tins of biscuits.
- (1) 210 g
  - (2) 1690 g
  - (3) 2430 g
  - (4) 3380 g
16. The total capacity of 5 similar pails is 65 ℓ. Find the capacity of each pail.
- (1) 12 ℓ
  - (2) 13 ℓ
  - (3) 60 ℓ
  - (4) 70 ℓ
17. A jug was completely filled with orange juice. David poured equal amount of orange juice into 5 glasses to the brim. The amount of orange juice left in the jug was 1034 ml. Each glass had a capacity of 650 ml. What was the capacity of the jug?
- (1) 1684 ml
  - (2) 2216 ml
  - (3) 3250 ml
  - (4) 4284 ml

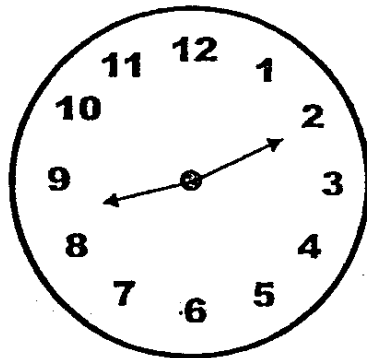
18. A piggy bank contains 4 fifty-cent coins, 8 twenty-cent coins and 12 five-cent coins. How much money is there in the piggy bank?

- (1) \$2.20
- (2) \$2.60
- (3) \$4.20
- (4) \$5.20

19. Jack bought a pizza. He gave  $\frac{3}{4}$  of it to Meihua. What fraction of the pizza had Jack left?

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

20. The time shown is 8.10 a.m. 1 hour 20 minutes later, it will be \_\_\_\_\_.



- (1) 9.20 a.m.
- (2) 9.30 a.m.
- (3) 9.40 a.m.
- (4) 10.50 a.m.

**Section B ( 40 marks )**

Questions 21 to 40 carry 2 marks each.

Write your answers in the boxes provided. Give your answers in the units stated.  
Show your working in the space provided. Marks will be awarded for correct method shown.

21. Write 3458 in words.

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22. The digit '9' in 9843 has a value of \_\_\_\_\_.

23. Arrange the following numbers in order. Begin with the biggest.

6789, 7689, 7698, 6879

24. Two numbers shown below have a sum of 6000. What are the 2 numbers?

2465 , 2535 , 3645 , 3535 , 3465

25. Mary is 2 years older than her brother. Her father is 29 years older than her brother. If Mary is 10 years old, how old is her father?

years old

26. Fill in the boxes using the given digits to make the biggest product. Write the answer in the box.

2, 5, 0, 9

X		

27. Find the missing number in the box.

$$63 \times 8 = \square \times 7 \times 8$$

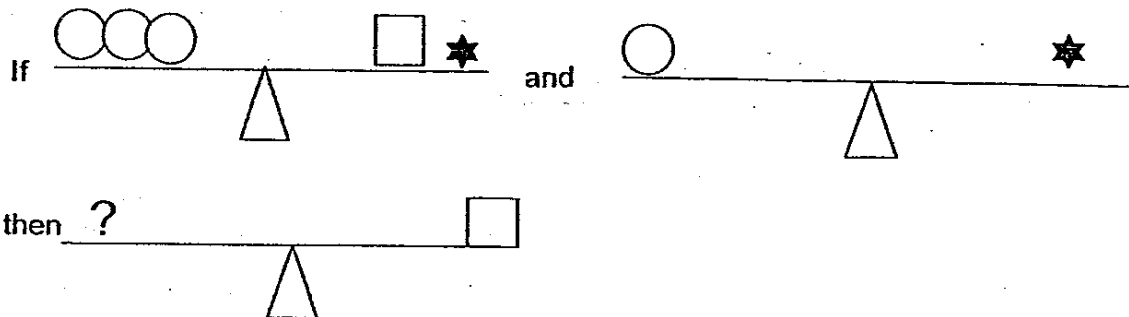
28. Find the missing numbers.

520	25	730	?	?	91	670	76
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29. 3 girls and 7 boys share 70 stickers equally. How many stickers do 7 boys get?

stickers

30.



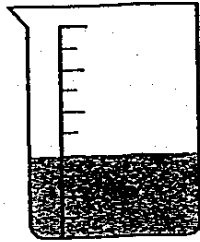
How many stars are needed to balance the scale?

stars

31. The product of two numbers is 2415. If one number is 7, what is the other number?

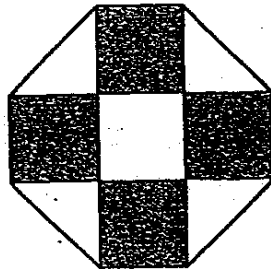


32. The capacity of the tank below is about 5 l . How much more water is needed to fill it?

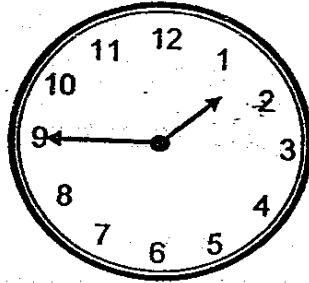


33. Grace made 357 pineapple tarts and packed them into boxes of 8. How many tarts were left unpacked ?

34. What fraction of the figure is shaded?



35. The clock below is 30 minutes slower. What is the actual time?

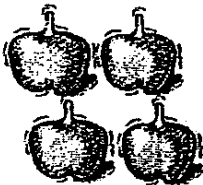


p.m.

36. How many 5 - cent coins are there in \$ 2.75 ?

coins

37. Apples are sold in packets of 4. Each packet costs \$2.20. What is the maximum number of packets of apples Mary can buy with \$10?



packets

38. Arrange the following fractions in order. Begin with the **biggest** fraction.

$$\frac{1}{7}, \frac{1}{10}, \frac{1}{2}, \frac{1}{4}$$

_____
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39. Mr Chew drives 5 km to school and 5 km back home again every day. What is the total distance he travels from Monday to Friday?

_____ km
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40. Kelly is lighter than Edward by 12 kg. Edward is heavier than Shufen by 9 kg. If Shufen has a mass of 45 kg, what is the mass of Kelly?

_____ kg
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**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. Mrs Lee had a string 6 m 30 cm long. She used 2 m 45 cm to tie a pile of books and 80 cm to tie a present. How many centimetres of string had she left ?
42. A bag of potatoes weighed 5 kg 200 g. Mr Lee took out 5 potatoes which weighed 75 g each. What was the mass of the remaining potatoes?

43. Sharon baked 435 cookies. After giving equal number of cookies to 3 of her friends, she had 30 cookies left. How many cookies did each of her friend get?

44. Mark and Gopal together had 192 stickers. Mark had 24 more stickers than Gopal. How many stickers did Gopal have?

45. Mr Lim bought 3 computers at \$1789 each and a television set. He had to pay \$ 7050 in all. What was the cost of the television set?



Remember to check your work!  
Every mark counts.

--End of Paper --

**Answer Sheets**  
**Maha Bodhi Pri 3 SA1 / 2006 Maths**

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

21. Three thousand four hundred and fifty-eight.
22.  $9843 = 9000$
23. 7698, 7689, 6879, 6789
24. **3465 and 2535**
25. Mary = 10 years old  
Brother =  $10 - 2 = 8$  years old  
Father =  $29 + 8 =$  **37 years old**
26.  $902 \times 5 = 4610$
27.  $63 \times 8 = 9 \times 4 \times 8$   
 $504 = 504$
- 28.
- 37    190**
29. 10 units = 70 stickers  
1 units = 7 stickers  
7 units =  $7 \times 7 =$  **49 stickers**
30. **2 stars**
31.  $2415 \div 7 =$  **345**
32. 10 units = 5000ml  
4 units =  $500 \times 4 = 2000\text{ml}$   
 $5000\text{ml} - 2000\text{ml} = 3000\text{ml}$  (3l)
33.  $357 \div 8 = 44 \text{ r}5$   
**5 tarts** left unpacked
34.  $\frac{8}{14} = \frac{4}{7}$
35.  $1345\text{hours} + 30\text{mins} = 1415\text{hours}$   
 $=$  **2.15pm**
36.  $\$2.75 \div 0.05\text{¢} =$  **55** 0.05¢ coins
37.  $\$10.00 \div \$2.20 = 4.54$  packets.  
She can buy maximum **4 packets** of apples.
38.  $\frac{1}{2}, \frac{1}{4}, \frac{1}{7}, \frac{1}{10}$

39. 1 day =  $5 + 5 = 10\text{km}$   
5 days =  $10 \times 5 = \underline{50\text{km}}$

40. Shufen =  $45\text{kg}$   
Edward =  $45 + 9 = 54\text{kg}$   
Kelly =  $54 - 12 = \underline{42\text{kg}}$

41. 6m 30cm = 630cm      2m 45cm = 245cm  
 $630\text{cm} - 245\text{cm} = 385\text{cm}$   
 $385\text{cm} - 80\text{cm} = 305\text{cm}$

She has 305cm string left.

42. 5 potatoes  $\times 75 = 375\text{g}$   
5kg 200g = 5200g  
 $5200\text{g} - 375\text{g} = 4825\text{g}$

The remaining potatoes is 4kg 825g (4825g)

43. 435 cookies - 30 cookies = 405 cookies  
 $405 \text{ cookies} \div 3 = 135 \text{ cookies}$

Each of her friend got 135 cookies

44.  $192 - 24 = 168$   
 $168 \div 2 = 84 \text{ stickers}$

Gopal has 84 stickers

45. Computers =  $\$1789 \times 3 = \$5367$   
TV =  $\$7050 - \$5367 = \$1683$

The television set cost \$1683.