

Methodist Girls' School (Primary)

Mid-Year Examination 2006

Primary Three

Mathematics

Name : \_\_\_\_\_ ( )

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

Marks :

Section A (20 x 2marks)

Read each question carefully. Choose the correct answer and write its number in the bracket provided.

1. In the numeral 40 138, what is the value of the digit 1?

- (1) 1
- (2) 100
- (3) 1 000
- (4) 10 000

( )

2. How many hundreds are there in 4 200?

- (1) 42
- (2) 2
- (3) 20
- (4) 200

( )

3. Seven thousand and sixty-five written as a numeral is \_\_\_\_\_.

- (1) 765
- (2) 7 065
- (3) 7 605
- (4) 7 650

( )

4. What is the missing number in the number pattern below?

6 145, \_\_\_\_\_, 6 095, 6 070, 6 045

- (1) 6 115
- (2) 6 120
- (3) 6 125
- (4) 6 130

( )

5. In  $7 \times 9 = \square \times 9 + 18$ , what is the missing number in the box?

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

( )

6. In  $100 - 44 = \square \times 8$ , what is the missing number in the box?

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

( )

7. What must be subtracted from 3 000 to get 1 624?

- (1) 1 367
- (2) 1 376
- (3) 1 486
- (4) 2 624

( )

8. There are 12 players in each team. How many players are there in 6 such teams?

- (1) 18
- (2) 62
- (3) 72
- (4) 122

( )

9. Mr Tan had 150 apples. He packed them into bags of 6 and sold them at \$2 per bag. How much did he collect if he sold all the apples?

- (1) \$25
- (2) \$30
- (3) \$50
- (4) \$60

( )

10. 424 books were put equally on 4 shelves. How many books were there on each shelf?

- (1) 16
- (2) 104
- (3) 106
- (4) 116

( )

11. The product of 2 numbers is 40. The difference between these two numbers is 3. What is the bigger number?

- (1) 20
- (2) 10
- (3) 8
- (4) 4

( )

12. Mary baked 8 pizzas. She gave 2 of the pizzas to her neighbours and cut each of the remaining pizzas into 6 pieces. How many pieces of pizzas did she have?

- (1) 48
- (2) 36
- (3) 16
- (4) 12

( )

13. Raju has \$1 280. Sam has \$190 less than Raju but \$300 more than Meng. How much does Meng have?

- (1) \$490
- (2) \$790
- (3) \$1 090
- (4) \$1 390

( )

14. In  $2 \times \square \times 6 = 36$ , what is the missing number in the box?

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

( )

15. Gopal has 4 times as many books as Samy. If Samy has 16 books, how many more books does Gopal have than Samy?

- (1) 80
- (2) 64
- (3) 48
- (4) 12

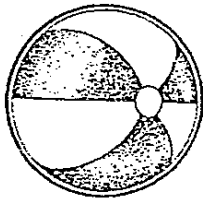
( )

16. A fruit seller had 250 oranges. After selling 94 oranges, he decided to pack the remaining oranges into bags of 4. How many bags would he need?

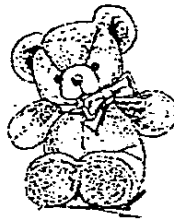
- (1) 156
- (2) 61
- (3) 41
- (4) 39

( )

17. Joseph has \$20. Which two items can he buy?



\$5.



\$9



\$15.50



\$6.50

- (1) toy train and teddy bear
- (2) doll and teddy bear
- (3) toy train and ball
- (4) doll and toy train

( )

18. How many metres are there in 2 km 40m?

- (1) 240 m
- (2) 2 040m
- (3) 2 400m
- (4) 20 040m

( )

18

19. A tailor had 7m of cloth. After sewing some bags, he had 1m 45cm of cloth left. How much cloth did he use?

- (1) 5m 55 cm
- (2) 5m 45 cm
- (3) 6m 45 cm
- (4) 6m 55 cm

( )

20. 4 boys threw a ball each. The distances were recorded as follows:

Andy	4m 4 cm
Brad	4m 31cm
Charles	405 cm
David	440 cm

Who threw the ball furthest?

- (1) Andy
- (2) Brad
- (3) Charles
- (4) David

( )

Section B (20 x 2 marks)

Write your answers in the boxes provided. Show your working clearly.

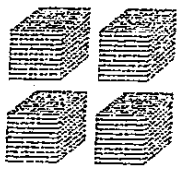


21.  is 160 more than 1 450  
What is the missing number in the box?

22. What is the **greatest even** number that can be formed from the digits 8, 2, 3, 7?

23. Arrange the following numbers in order, beginning with the greatest.

4 150, 4 015, 4 501, 4 051

24. What is the value represented by the picture below?

Thousands	Hundreds	Tens	Ones
			



25. What is the sum of 4 359 and 651?

26. What is the remainder when 834 is divided by 5?

27. What is the product of 157 and 8?

28. I think of an even number. It is more than 20 but less than 30. This number can be divided by 2 and 3 without any remainder. What is this number?

29. A basket can hold 38 mangoes. A box can hold 12 mangoes less than the basket. What is the total number of mangoes in the box and in the basket?

30. Mrs Lim bought 2 boxes of pears. There were 56 pears in each box. When she opened the boxes, she found that 6 of the pears were rotten. How many good pears had she?

31. During the morning assembly, pupils were lined up in 72 rows. If there were 10 pupils in each row, how many pupils were there during assembly?

32. A sum of money was shared equally among 5 girls. If each girl received \$5, how much money was there at first?

\$

33. A boat can take a maximum of 9 people on each trip. What is the least number of trips made by the boatman if he has to take 283 people across a river?

34. If ♣ ♣ ♣ ♣ ♣ ♣ represent 54 cars. How many cars would be represented by ♣ ♣ ?

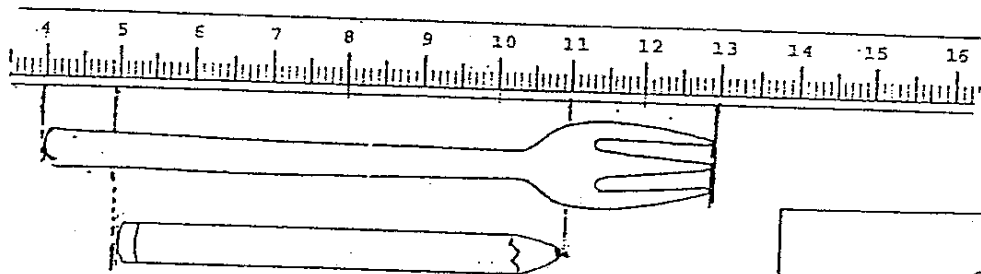
35. A long wooden ruler can be cut into 3 shorter pieces of 30 cm each. A ribbon is 5 cm shorter than the long wooden ruler. What is the length of the ribbon?

 cm

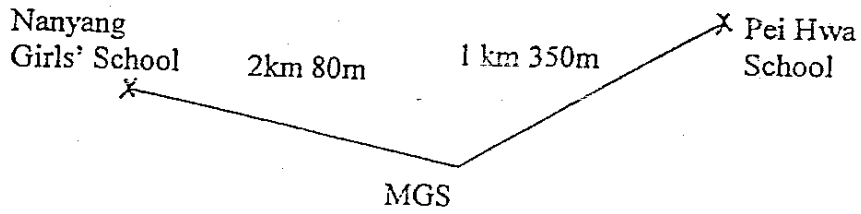
36. What is the difference between 6 m and 60 cm?

 m       cm

37. Look at the diagram below. How much longer is the fork than the pencil?


 cm

Look at the diagram below and answer questions 38 & 39.



38. How far is Pei Hwa School from Nanyang Girls' School?

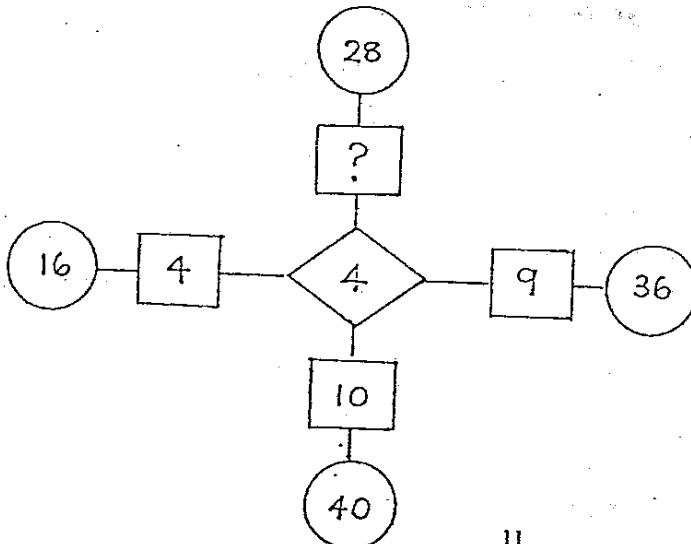
km	m
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39. Which school is nearer to MGS? Pei Hwa or Nanyang Girls?  
How much nearer?

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km	m
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40. Look at the diagram below. What is the missing number?



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Section C (5 x 4 marks)

Work out the following sums. Show your working clearly.

41. After giving 6 Primary Three classes 245 books each, the librarian found that she had 78 books left. How many books had the librarian at first?
42. Mei wanted to buy a present which cost \$95. She had \$26 in her money box. If she were to save \$2 a day, how many days would she take to save enough money to buy the present?

43. A refrigerator costs \$899. It costs \$129 more than a washing machine. How much would Mrs Wu have to pay if she buys both the refrigerator and the washing machine?

44. Mrs Tan weighs 3 times as heavy as her daughter. If their total mass is 64 kg, what is the mass of Mrs Tan?

45. 60 cm of ribbon was needed to make one bow.  
Siti made 7 bows and found that she had 2m 5cm of ribbon left.  
What was the length of the ribbon Siti had at first?  
(Give your answer in metres and centimetres)

**Answer Sheets**  
**Methodist Girls' Pri 3 SA1 / 2006 Maths**

- |       |       |       |       |       |
|-------|-------|-------|-------|-------|
| 1) 2  | 2) 1  | 3) 2  | 4) 2  | 5) 1  |
| 6) 2  | 7) 2  | 8) 3  | 9) 3  | 10) 3 |
| 11) 3 | 12) 2 | 13) 2 | 14) 3 | 15) 3 |
| 16) 4 | 17) 2 | 18) 2 | 19) 1 | 20) 4 |
- 
21.  $1450 + 160 = \underline{1610}$
22. 8732
23. 4501, 4150, 4051, 4015
24.  $4000 + 100 + 0 + 4 = \underline{4104}$
25.  $4359 + 651 = \underline{5010}$
26.  $834 \div 5 = 166 \text{ r}4$   
The remainder is 4
27.  $157 \times 8 = \underline{1256}$
28. 20, 22, 24, 26, 28, 30  
 $24 = 24 \div 2 = 12$   
 $24 = 24 \div 3 = 8$
29. Basket = 38 mangoes  
Box =  $38 - 12 = 26$  mangoes  
 $26 + 38 = \underline{64 \text{ mangoes}}$
30.  $2 \times 56 = 112$  pears  
 $112 - 6 = \underline{106 \text{ pears}}$  are good
31.  $72 \times 10 = \underline{720 \text{ pupils}}$  in the assembly.
32.  $\$5.00 \times 5 = \underline{\$25.00}$
33.  $283 \div 9 = \underline{32 \text{ trips}}$
34.  $6 \clubsuit = 54$   
 $1 \clubsuit = 9$   
 $2 \clubsuit = 9 \times 2 = \underline{18}$
35. Wooden Ruler =  $30 \times 3 = 90\text{cm}$   
Ribbon =  $90 - 5 = \underline{85\text{cm}}$
36.  $6\text{m} = 600\text{cm}$   
 $600\text{cm} - 60 = 540\text{cm}$   
= 5m 40cm
37. Fork =  $13 - 4 = 9\text{cm}$   
Pencil =  $11 - 5 = 6\text{cm}$   
 $9 - 6 = \underline{3\text{cm}}$
38.  $2\text{km } 80\text{m} = 2080\text{m}$   
 $1\text{km } 350\text{m} = 1350\text{m}$   
 $2080 + 1350 = 3430\text{m}$   
= 3km 340m
39. Pei Hwa is nearer  
 $2080\text{m} - 1350\text{m} = \underline{730\text{m}}$
40.  $28 \div 4 = \underline{7}$



41. Primary 3 = 6 x 245 books  
 = 1470 books  
 = 1470 + 78  
 = 1548 books

It has 1548 librarian books at first.

42.  $\$(95 - 26) = \$69.00$

$\$ 2.00 = 1 \text{ day}$   
 $\$69.00 = \$69.00 \div \$2.00$   
 = 34.5  
 = 35 days

She has to take 35 days to save enough money to buy the present.

43. Refrigerator = \$899.00  
 Washing Machine = \$899.00 - \$129  
 = \$770  
 = \$(770 + 899)  
 = \$1669.00

Mrs Wu has to pay \$1669.00

44. Daugher = 1 unit  
 Mrs Tan = 3 units  
 $(3 + 1) = 4 \text{ units}$   
 $64 \div 4 = 16 \text{ kg}$   
 Mrs Tan = 3 x 16  
 = 48kg

Mrs Tan weight is 48kg

45. 1 bow = 60cm  
 7 bow = 60 x 7 = 420cm  
 2m 5cm = 205cm + 420cm  
 = 625cm (6m 25cm)

Siti has 6m 25cm of the ribbon at first.