

Methodist Girls' School (Primary)  
2008 Mid Year Examination  
Primary 3  
Mathematics

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

Class: 3. \_\_\_\_\_

Date: 9 May 2008

Marks Obtained: \_\_\_\_\_/100

This booklet consists of 17 printed pages.

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

1. In 5 678, the digit 5 has the same value as \_\_\_\_\_
  - (1)  $5 \times 1$
  - (2)  $5 \times 10$
  - (3)  $5 \times 100$
  - (4)  $5 \times 1\,000$
  
2. What is the sum of the value of the digit '3' in 3 014 and 4 310?
  - (1) 3 300
  - (2) 6 324
  - (3) 7 300
  - (4) 7 324
  
3. 4 095 is more than \_\_\_\_\_ by 10 tens.
  - (1) 4 195
  - (2) 4 085
  - (3) 3 995
  - (4) 3 985

4. Which one of the following numbers leaves no remainder when divided by 4?

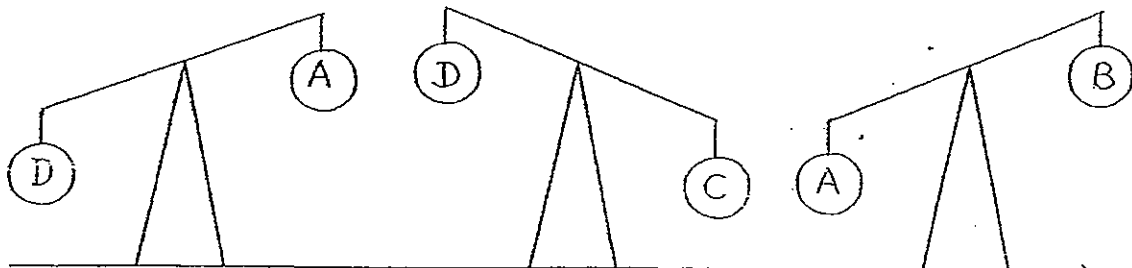
- (1) 1 218
- (2) 1 562
- (3) 2 340
- (4) 2 426

5. What is the missing number in the number pattern?

6 839, 6 719, \_\_\_\_\_, 6 479

- (1) 6 609
- (2) 6 599
- (3) 6 509
- (4) 6 499

6. A, B, C and D are balls.  
Which ball is the heaviest?



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

7.  $80 - 32 = \square \times 8.$

What is the missing number in the box?

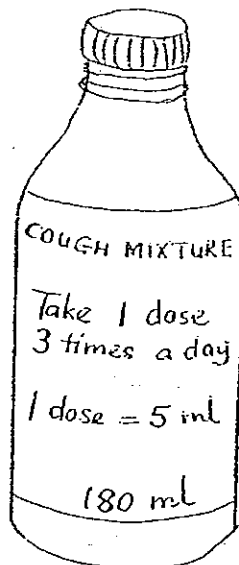
(1) 10

(2) 8

(3) 6

(4) 4

8. Here is a bottle of medicine.



Siti was told by her doctor to take 1 dose of cough-mixture 3 times a day. If she had followed the doctor's instruction, which of the following shows how to work out the number of days the cough mixture in the bottle could last?

(1)  $180 \div 5$

(2)  $180 \div 15$

(3)  $3 \times 5$

(4)  $3 \times 180$

9. Lynn has 4 000 beads.  
1 679 beads are red, 286 are blue and the rest are yellow.  
How many yellow beads does she have?

- (1) 2 321  
(2) 2 085  
(3) 2 035  
(4) 1 965

10. Junie wrote down her eight times table but she made a mistake.

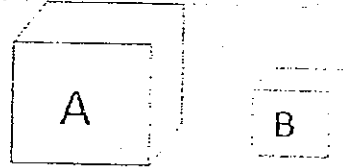
$$\begin{array}{l} 1 \times 8 = 8 \\ 2 \times 8 = 16 \\ 3 \times 8 = 24 \\ 4 \times 8 = 32 \\ 5 \times 8 = 40 \\ 6 \times 8 = 48 \\ 7 \times 8 = 54 \\ 8 \times 8 = 64 \\ 9 \times 8 = 72 \\ 10 \times 8 = 80 \end{array}$$

Where did she make the mistake?

- (1)  $6 \times 8 = 48$   
(2)  $7 \times 8 = 54$   
(3)  $8 \times 8 = 64$   
(4)  $9 \times 8 = 72$

11. Janice put 16 books into 2 boxes.  
She put three times as many books in Box A than Box B.  
How many books did she put in Box A?

- (1) 12
- (2) 10
- (3) 8
- (4) 4



12. A pen costs \$3. What is the greatest number of pens Sam can buy with \$16?

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

13. Sarah will be 20 years old on her birthday in 2010.  
How old was she on her birthday in the year 2006?

- (1) 18
- (2) 17
- (3) 16
- (4) 15

14. The table below shows how points are awarded for the first three positions in each event at a swimming meet.

1 <sup>st</sup>	5 points
2 <sup>nd</sup>	3 points
3 <sup>rd</sup>	1 point

Tessie took part in 3 events and scored a total of 7 points.  
Which positions could she have come in for these 3 events?

- (1) 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>
- (2) 1<sup>st</sup>, 3<sup>rd</sup>, 3<sup>rd</sup>
- (3) 2<sup>nd</sup>, 2<sup>nd</sup>, 2<sup>nd</sup>
- (4) 2<sup>nd</sup>, 3<sup>rd</sup>, 3<sup>rd</sup>

15. At Jan's Pet Shop, there is a rule that there can only be a maximum of 9 goldfish in a tank at any time.  
Next month, there will be 37 goldfish at Jan's Pet Shop.  
What is the least number of tanks Jan will need?

- (1) 9
- (2) 6
- (3) 5
- (4) 4

16. Melvin put 59 magazines on some shelves. He put 7 magazines on each shelf and the remainder on the last shelf.

How many magazines did he put on the last shelf?

(1) 8

(2) 6

(3) 3

(4) 4

17. Mrs Tan had 129 stickers. If she were to give 8 stickers to each pupil in her class, she would need 63 stickers more.

How many pupils were there in her class?

(1) 23

(2) 24

(3) 25

(4) 26

18. A fruit-seller had 120 pears.

He packed them into bags of 5 and sold them at \$2 per bag.

How much did he collect from selling all the pears?

(1) \$10

(2) \$24

(3) \$48

(4) \$240



19. Look at the advertisement below.

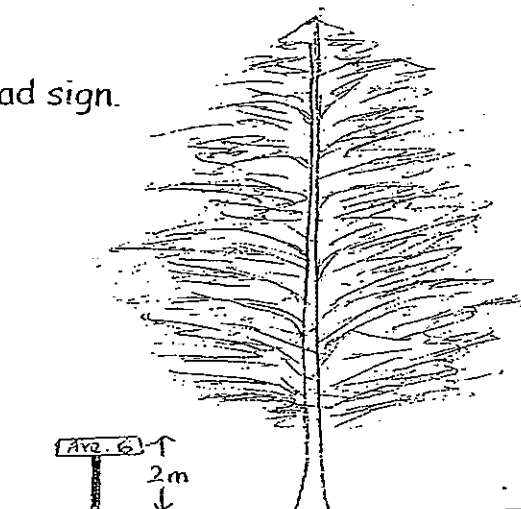


Rani had \$24. She bought 2 of the items shown above and had \$9.90 left. Which 2 items did she buy?

- (1) crayons and art bag
- (2) brush and poster colours
- (3) drawing block and art bag
- (4) crayons and poster colours

20. The figure shows a tree and a road sign. The height of the sign is 2m. Estimate the height of the tree.

- (1) 7m
- (2) 9m
- (3) 12m
- (4) 14m

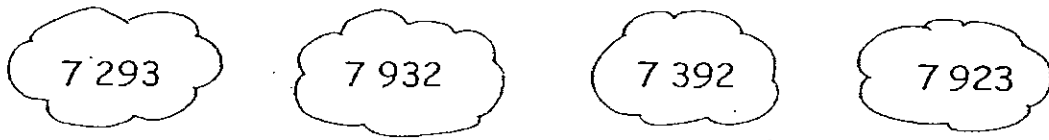


Section B (20 x 2 marks)

Write your answers in the boxes provided.

Show all your working.

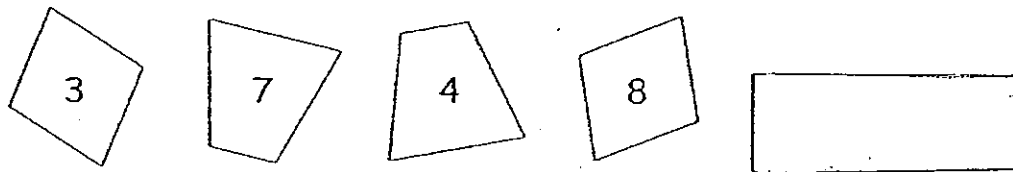
21. Arrange the numbers in order, beginning with the greatest.



\_\_\_\_\_

greatest

22. What is the smallest 4-digit odd number that can be formed with the digits given below.



23.  $\bigcirc + \bigcirc + \square = 46$

$\square + \square = 24$

$\bigcirc = ?$

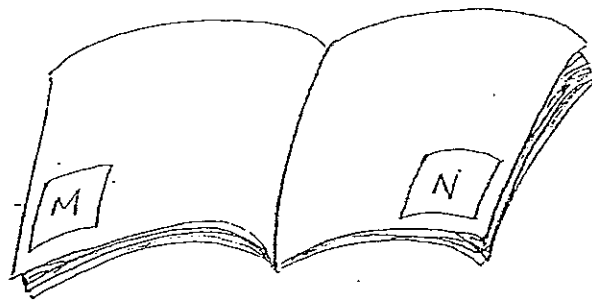
What is the missing number?

24. Jim turned the pages of a book he was reading. Each page had a 3-digit number.

The sum of the digits on page  $M$  was 6.

The sum of the digits on page  $N$  was 7.

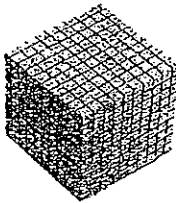
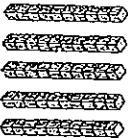

What are the two possible page numbers?



M

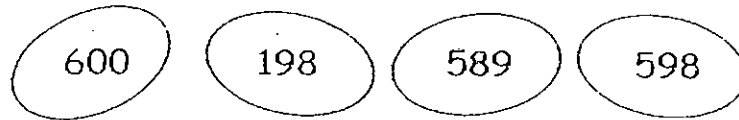
N

25. What is the value shown in the table below?

Thousands	Hundreds	Tens	Ones
			

26. Mary made a notebook with 20 pages and she numbered the pages from 1 to 20. How many times did she use the digit '2'?

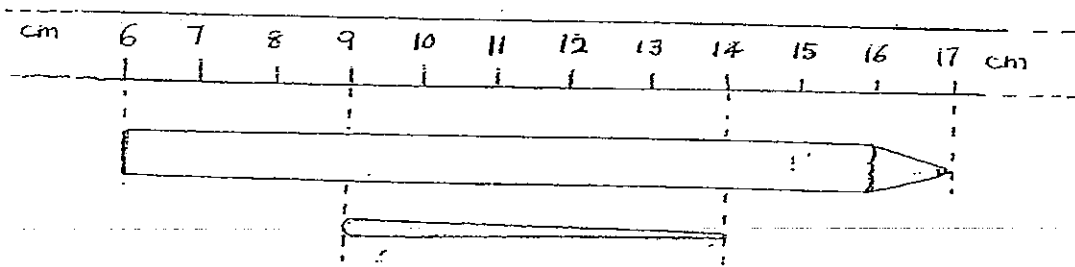
27.



Which 2 numbers above give a difference of 400?  
Write the number sentence below.

○  ○  400

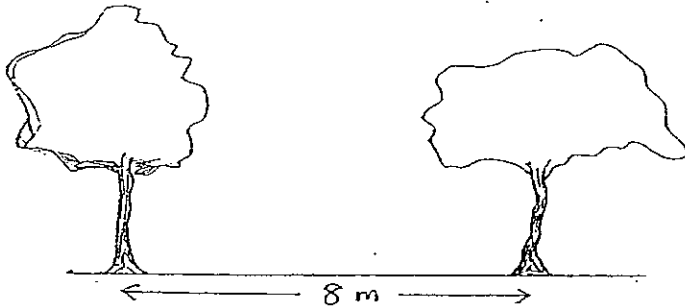
28. Look at the diagram. How much longer is the pencil than the toothpick?


 cm

29. What is the missing number in the box?

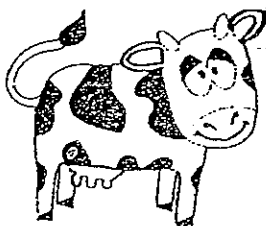
$$5\,400 = \square - 400$$

30. A gardener planted some trees along one side of a road. Each tree was planted 8m apart. What was the distance between the first tree and the fifth tree?

 m

31. There are 40 pupils in a class. There are 4 more boys than girls in the class. How many boys are there in the class?

32. Peter saw some cows grazing in a field. He counted a total of 48 legs. How many cows did Peter see?



33. A florist ordered 5 375 roses and 3 980 daisies.  
How many fewer daisies than roses did she order?

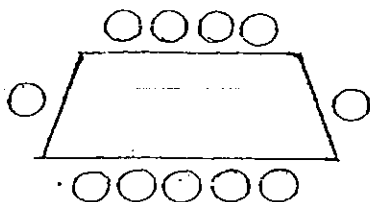
34.   $\div 4 = 9$  remainder 3.

What is the missing number in the box?

35. A T-shirt costs \$5 less than a blouse. If 2 such blouses cost \$36, what is the cost of a T-shirt?

36. The sum of 2 numbers is 1 840. If one number is 12 more than the other number, what is the other number?

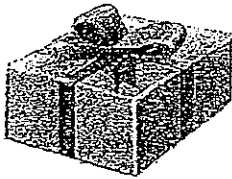
37. There are 105 children and 9 picnic tables. If 11 children sit at each table, as shown in the diagram below, how many children do not have a place at the tables?



38. Sarah is 2 years older than her brother. Her father is 30 years older than her brother. If Sarah is 10 years old now, how old is her father?

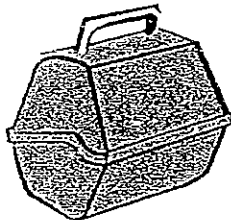
years old

39. Ting Ting has \$18. Mei Ting has \$23. They want to buy a present which costs \$50 for their father. How much more money must they save to buy the present?



\$

40. Norin bought a lunch-box for \$6.45. She gave the cashier 2 five-dollar notes. How much change did she receive?



\$

Section C (5 x 4 marks)

Solve the following problems. Show your working clearly.

41. Last Sunday, Mr Tan took his wife and 2 children to watch a musical performance. The tickets cost \$48 in total. An adult ticket cost \$8 more than a child's ticket. How much did a child's ticket cost?

42. Ms Lee bought 6 boxes of tarts. There were 12 tarts in each box. She distributed the tarts equally to 5 friends.

(a) How many tarts did Ms Lee buy?

(b) How many tarts did each friend get?

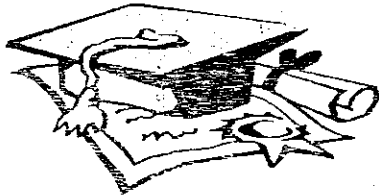


43. Lisa made some pies and gave 3 to each of her classmates. Including herself, there were 39 pupils in her class. Lisa had 10 pies left for herself. How many pies did she make?

44. Aileen, Devi and Minah have a total of \$155. Aileen has \$10 less than Devi and \$25 less than Minah. How much does Minah have?

45. Jeremy had 28 coins. He had only \$1 coins and 50-cent coins. The total amount was \$20. How many 50-cent coins did he have?

End-of-paper



# ANSWER SHEET

EXAM PAPER 2008

SCHOOL : MGS PRIMARY SCHOOL  
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA 1

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

Q18	Q19	Q20
3	4	4

21) 7932, 7923, 7392, 7293    22) 3487    23) 17

24)  $M=222$      $N=223$     25) 1056    26) 3    27)  $598-198=400$

28) 6cm    29) 5800    30) 32m    31) 22    32) 12    33) 1395

34) 39    35) \$1300    36) 914    37) 6 children    38) 38

39) \$9.00    40) \$3.55

41)  $48-16=32$

$32 \div 4=8$

A child ticket cost \$8.00

42) a)  $12 \times 6=72$

Ms Lee brought 72 tarts.

b)  $72 \div 5=14R2$

Each friend got 14 tarts.

43)  $38 \times 3 = 114$

$114 + 10 = 124$

She made 124 pies.

44)  $155 - 25 = 120$

$120 \div 3 = 40$

$40 + 25 = 65$

Minah have \$65.00

45) He had 16 50-cent coins.