METHODIST GIRLS' SCHOOL (Primary)
2009 Mid-Year Examination
Primary 3

MATHEMATICS

Name: _____ (   )

Class: P 3. _____

Total time for Sections A, B and C: 1h 45min

_____

Do not turn over this page until you are told to do so.

Follow all instructions carefully.

Answer all questions.

Marks Obtained:

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

This booklet consists of 16 printed pages.

Section A (20 x 2 marks)

For each of the following questions, four options are given.
Choose the correct answer and shade its number in the Optical Answer
Sheet (OAS) provided.

1.   What is the missing number in the blank?

  8 180 = 8 000 + _____

  (1) 18
  (2) 80
  (3) 100
  (4) 180

2.   In 7 632, the digit 3 has the same value as _____.

  (1) 3 × 1
  (2) 3 × 10
  (3) 3 × 100
  (4) 3 × 1000

3.   Which of the following is 100 more than
  the sum of 438 and 123?

  (1) 461
  (2) 551
  (3) 561
  (4) 661

4.   Which of the following is the smallest **even** number with 6 in the
  hundreds place?

  (1) 467
  (2) 468
  (3) 607
  (4) 608

5. What is the remainder when 735 is divided by 8?

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

6. What is the difference between 65 hundreds and 30 tens?

   (1) 350
   (2) 620
   (3) 6 200
   (4) 6 470

7. The product of two numbers is 395. If one of the numbers is 5, what is the other number?

   (1) 65
   (2) 69
   (3) 75
   (4) 79

8. $489 \div 3 = 160 + $ //////

What is the missing number in the box?

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

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

   5 734, 5 524, _____, 5 104, 4 894

   (1)   5 314
   (2)   5 334
   (3)   5 374
   (4)   5 394

10.   If   △ × ◇ = 729

   and   ◇ × ◇ = 81, then △ = _____.

   (1)   9
   (2)   27
   (3)   81
   (4)   243

11.   Mother had 66 apples. She gave 21 apples to her friend and shared
      the remaining apples equally among her 3 children.
      How many apples did each child receive?

   (1)   7
   (2)   15
   (3)   22
   (4)   45
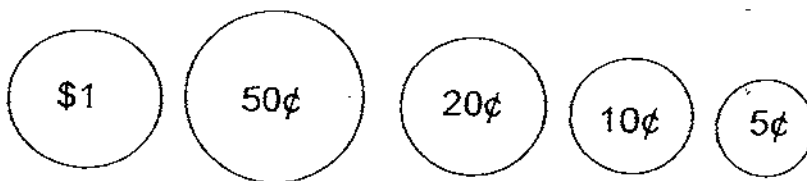
12. Study the table. What is the sum of **A** and **B**?

22	44	A	176
23	B	92	184
45	90	180	360

(1) 112
(2) 124
(3) 134
(4) 144

13. Baker Lee had 372 eggs. He used 6 eggs to bake each cake. How many cakes did he bake?

(1) 59
(2) 62
(3) 74
(4) 87

14. A shopkeeper has coins in the following denominations in his cash register.

($1) (50¢) (20¢) (10¢) (5¢)

Raju bought a note book for $2.25. He gave the shopkeeper $4. What is the **least number** of coins he could receive as change?

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

15. Mrs Lim bought 2 cups of tea and 1 cup of Milo.
    A cup of Milo cost 20 cents more than a cup of tea.
    How much did Mrs Lim pay if each cup of Milo cost $1.50?

    (1) $1.30
    (2) $2.60
    (3) $2.80
    (4) $4.10

16. The table below shows the points awarded for the different
    positions during the school swim meet.

1st position	9 points
2nd position	7 points
3rd position	5 points

    Mei Mei took part in 3 events and scored a total of 19 points.
    What could her positions have been?

    (1) 1st, 2nd, 3rd
    (2) 1st, 3rd, 3rd
    (3) 2nd, 3rd, 3rd
    (4) 2nd, 2nd, 2nd

17. Which of the following can be divided by 5 without any
    remainder?

    (1) 356
    (2) 365
    (3) 536
    (4) 563

18.   ♥ + ♥ + ✱ = 16

         ✱ + ♥ = 11

        ♥ + ♥ = ?

(1) 5
(2) 10
(3) 12
(4) 14

19. Lily has 95 more Singapore stamps than Malaysian stamps. If she has 386 Malaysian stamps, how many stamps does she have altogether?

(1) 471
(2) 481
(3) 767
(4) 867

20. A van can carry 7 passengers. What is the minimum number of vans needed for 59 people?

(1) 7
(2) 8
(3) 9
(4) 10

Section B (20 x 2 marks)
For each of the following questions, write your answers in the boxes provided. Give your answers in the units stated.
Show your working clearly.

21.   6 + 6 + 6 + 6 + 6 + 6 = [   ] x 6 − 12

What is the missing number in the box?
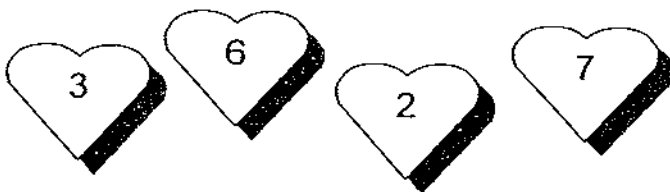
22.   Write 2 893 in words.

_____

_____

23.   5 437 is 300 more than _____.

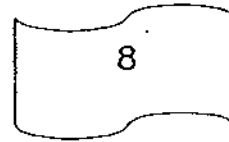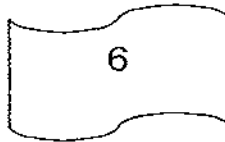24.   Using all the digits given, what is the greatest 4-digit **odd** number that can be formed?

3   6   2   7
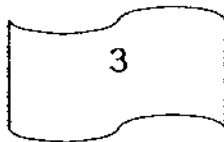
25. What is the missing number in the box?

$$
\begin{array}{r}
\cancel{8}\ \ 4\ \ \cancel{0}\ \ {}^{1}8 \\
-\ \ 4\ \ 6\ \ \boxed{}\ \ 9 \\
\hline
3\ \ 7\ \ 6\ \ 9 \\
\hline
\end{array}
$$

26. What is the maximum number of 3-digit numbers that can be formed from the 3 numbers shown below?

3   6   8

27. There are some animals in a farm. 4 are cats and the rest are chickens. If these animals have 60 legs altogether, how many chickens are there?

28. The value of the digit 4 in 461 is _____ times the value of the digit 4 in 1 254.

29. There are 168 people queuing to watch a movie.
If there are 25 rows of 8 seats in the cinema, how many **more**
people can watch the same movie?

30. What is the missing number in the box?

$4\,503 + \boxed{} = 500 \times 10$

31. Mary has 10 toys. Siti has twice as many toys as Mary.
How many toys must Siti give Mary so that they have the same
number of toys?

32. What is the quotient when 88 is divided by 7?

33. In the set of numbers given below, **underline** the number with the greatest value and **circle** the one with the smallest value.

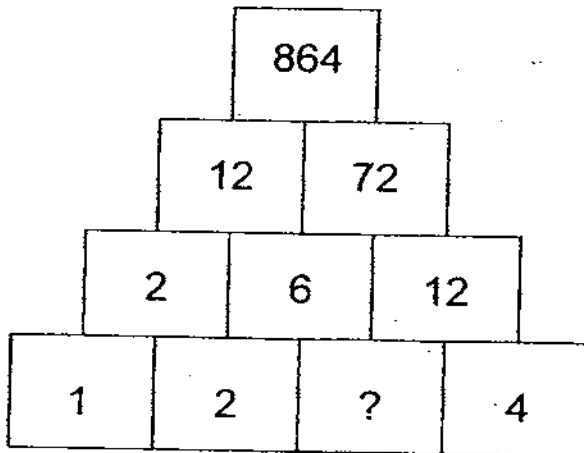   3 059, 3 095, <u>3 950</u>, 3 590

34. A set of 9 numbers is shown below.
    Which two odd numbers in the given set have a difference of 6?

10	11	12	13	14	15	16	17	18

    [ ] and [ ]

35. Gopal has written a number on his whiteboard.
    The number is more than 20 but less than 30.
    It can be divided by 3, 4 and 6 without any remainder.
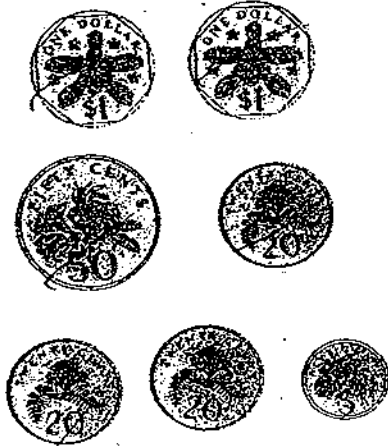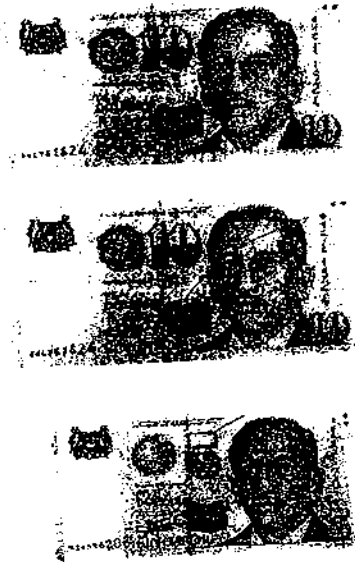   What is the number written by Gopal?

    [ ]

36. What is the missing number in the box?

```
            ┌───────┐
            │  864  │
         ┌──┴──┬────┴──┐
         │ 12  │  72   │
      ┌──┴──┬──┴──┬────┴──┐
      │  2  │  6  │  12   │
   ┌──┴──┬──┴──┬──┴──┬────┴──┐
   │  1  │  2  │  ?  │   4   │
   └─────┴─────┴─────┴───────┘
```

┌──────────┐
│   │
│   │
└──────────┘

37. Apples were sold at 3 for $1 or at 40 cents each.
What was the least amount Mrs Tan had to pay for 10 such apples?

┌──────────┐
│   │
│   │
└──────────┘

38. What is the difference between 4 000 and 1 096?

┌──────────┐
│   │
│   │
└──────────┘

39. What is the amount of money shown below?

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

Thousands	Hundreds	Tens	Ones

Section C (5 x 4 marks)
Solve the following problems. Show all your working clearly.

41.   A truck had 680 cartons of fruits. The driver delivered 375
       cartons of fruits to the supermarket. On its way back, the truck
       met with an accident and 178 cartons of fruits fell onto the road.
       How many cartons of fruits were left on the truck?

42.   Shirley had a pizza party. She ordered 12 boxes of pizzas.
       There were 8 slices of pizzas in each box. If each person ate 3
       slices of pizzas and there were no pizzas left, how many people
       attended the party?

43. Mrs Lee bought 2 packets of cheese and 2 cartons of milk for breakfast. She gave the cashier 2 ten-dollar notes.
How much change did she get?

Cheese

Milk

MILK

$3·55

$2·70

44. Ailing, Beth and Catherine have 352 seashells altogether.
Beth has 49 seashells. Catherine has 5 times as many
seashells as Beth.
(a) How many seashells does Catherine have?
(b) How many seashells does Ailing have?

45. Tom had 462 stamps. After giving some stamps away, he now
had half the number of stamps that Muthu had. If Muthu had
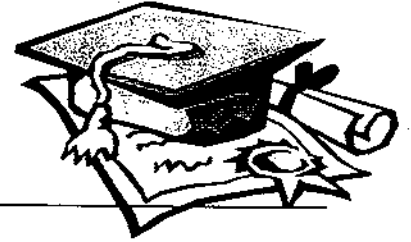270 stamps, how many stamps did Tom give away?

End of Paper

ANSWER SHEET

EXAM PAPER 2009

SCHOOL : MGS PRIMARY
SUBJECT : PRIMARY 3 MATHEMATICS

TERM : SA1

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

Q18	Q19	Q20	Q21	Q22	Q23	Q24
2	4	3	8	Two thousand, eight hundred and ninety-three	5137	7623

Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32
3	6	22	100	32	497	5	12

33)3059   34)11 and 17   35)24   36)3   37)$3.40   38)2904

39)$28.15   40)3508

41)375+178=553
   680-553=127
There were 127 fruits left on the truck.

42)12x8=96
   96÷3=32
   32 people attended the party.

43)$3.55+$3.55=$7.10
   $2.70+$2.70=$5.40
   $7.10+$5.40=$12.50
   $20-$12.50=$7.50
She got $7.50 change back.

44)49x5=245
   Catherine have 245 seashells.
   245+49=294
   352-294=58
   Ailing have 58 seashells.

45)270÷2=135
   135+192=327
   Tom gave 327 stamps away.